

XB-V09-201-S(F)

**Made in
USA**

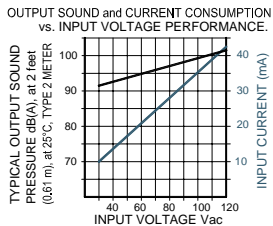


- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology

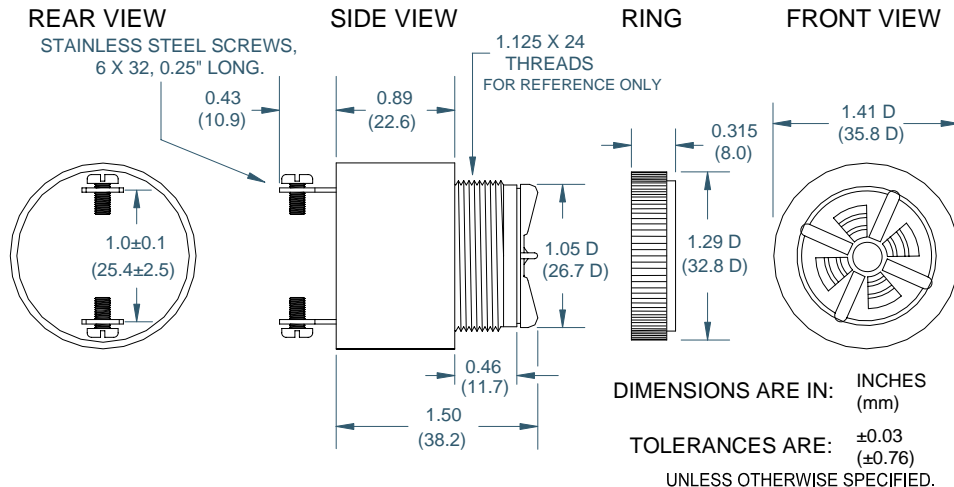
The XB-V09-201-S(F) is an extra loud output, panel mounted alarm for operating voltages of 30-120VAC. The built-in volume control provides variable attenuation up to 20 dB(A) typically. The terminals are standard 0.25" quick-connect blades with screws added for connection to wires with lugs.

SPECIFICATIONS

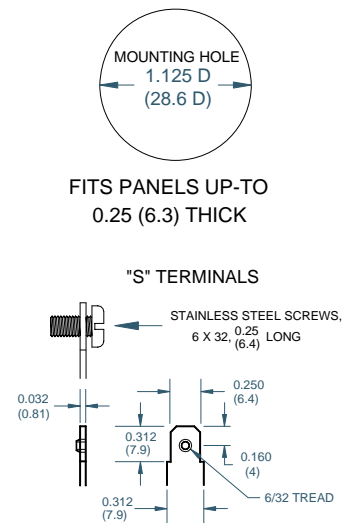
Operating Mode:	Extra Loud Beep Tone
Operating Voltage:	30-120 Vac
Nominal Operating Voltage:	110 Vac
Operating Frequency:	2900±250 Hz. 3±25% Pulses per second
Typical Operating Current:	10 mA at 30 Vac 45 mA at 120 Vac
Typical Sound Pressure:	With volume control fully open: 92±5 dB(A), at 30 Vac, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 120 Vac, at 24 inches (61 cm), at 25°C.
Termination:	0.25 (6.3) Wide Quick Connect Blades with 0.25 (6.3) Long 6x32 Stainless Steel Screws Pull test with a maximum of 22 pounds (10 kg) load
Termination Strength:	
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)—0.062" Thick, 60 Durometer Neoprene
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes. 10 years under normal operating conditions. For a period of two years from the date of manufacture under normal operating conditions.
Life Expectancy:	
Warranty:	



DIMENSIONS



PANEL MOUNTING



Floyd Bell Inc
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

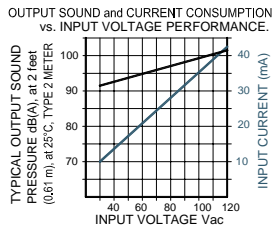
Revision: 2.07

XB-V09-201-S(M)

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology

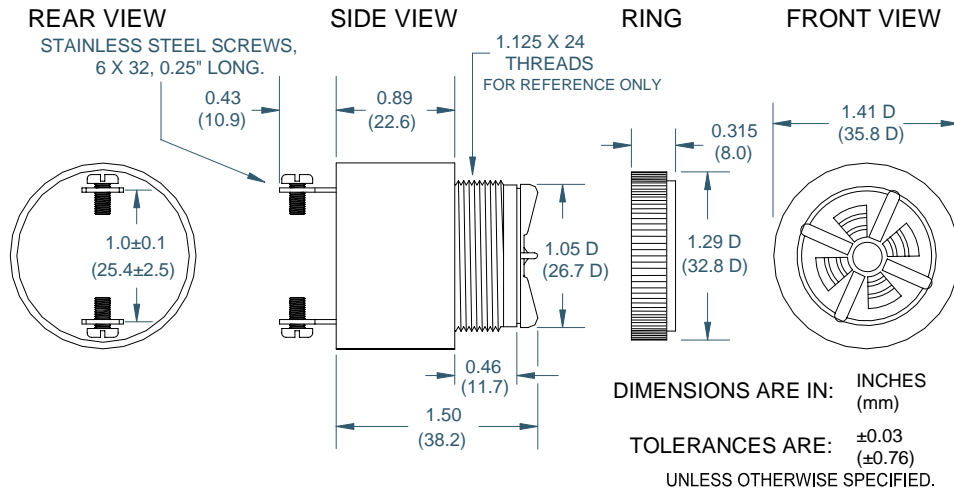


The XB-V09-201-S(M) is an extra loud output, panel mounted alarm for operating voltages of 30-120VAC. The built-in volume control provides variable attenuation up to 20 dB(A) typically. The terminals are standard 0.25" quick-connect blades with screws added for connection to wires with lugs.

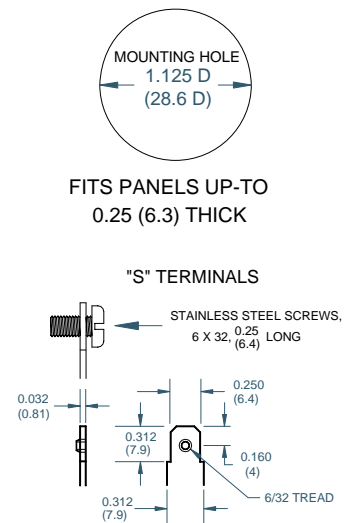
SPECIFICATIONS

Operating Mode: Extra Loud Beep Tone
Operating Voltage: 30-120 Vac
Nominal Operating Voltage: 110 Vac
Operating Frequency: 2900±250 Hz.
 2±25% Pulses per second
Typical Operating Current: 10 mA at 30 Vac
 45 mA at 120 Vac
Typical Sound Pressure: With volume control fully open:
 92±5 dB(A), at 30 Vac, at 24 inches (61 cm), at 25°C
 103±5 dB(A), at 120 Vac, at 24 inches (61 cm), at 25°C.
Termination: 0.25 (6.3) Wide Quick Connect Blades with 0.25 (6.3) Long 6x32 Stainless Steel Screws
 Pull test with a maximum of 22 pounds (10 kg) load
Termination Strength: Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature: -20°C to +65°C.
Storage Temperature: -40°C to +85°C.
Surge Voltage: 20% over maximum rated voltage for less than 5 minutes.
Construction Materials: Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver
 Potting- 2 parts epoxy resin or silicone, black
 Diaphragm- Stainless Steel 304
 Gasket (Sold Separately)—0.062" Thick, 60 Durometer Neoprene
Environmental Durability: Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output
 Humidity- 95% relative humidity at +40°C continuously for 100 hours.
 Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy: 10 years under normal operating conditions.
Warranty: For a period of two years from the date of manufacture under normal operating conditions.

DIMENSIONS



PANEL MOUNTING



Floyd Bell Inc
 An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
 Tel: 888-FLOYD-BELL • Fax: 614/291-0823
 www.floydbell.com

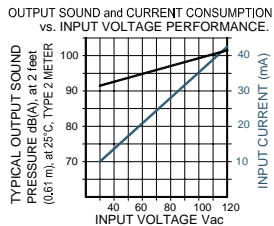
Revision: 2.07

XB-V09-201-S(S)

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology

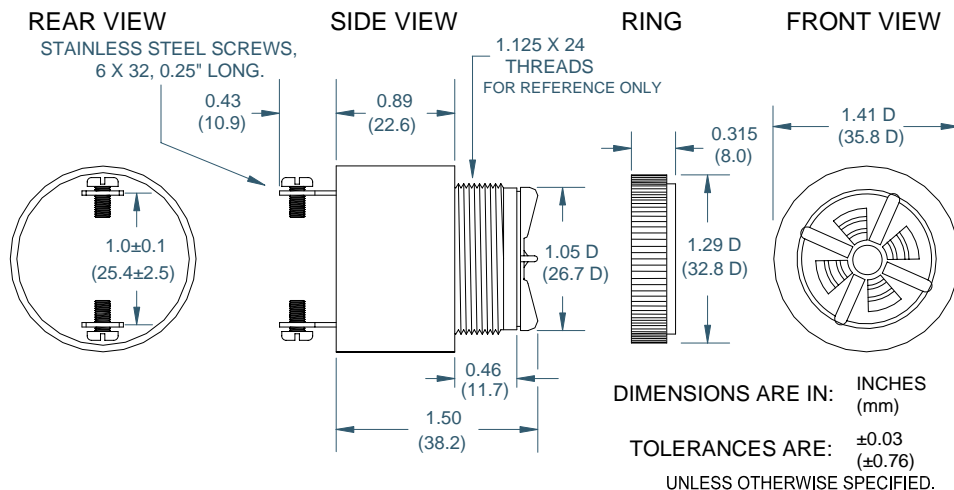


The XB-V09-201-S(S) is an extra loud output, panel mounted alarm for operating voltages of 30-120VAC. The built-in volume control provides variable attenuation up to 20 dB(A) typically. The terminals are standard 0.25" quick-connect blades with screws added for connection to wires with lugs.

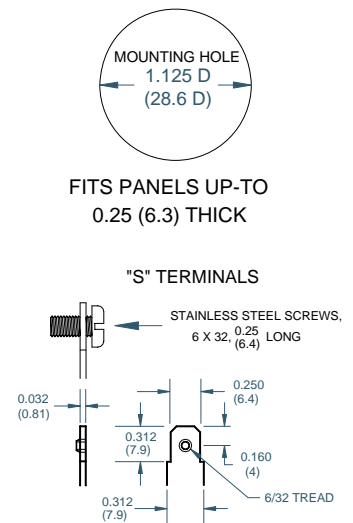
SPECIFICATIONS

Operating Mode:	Extra Loud Beep Tone
Operating Voltage:	30-120 Vac
Nominal Operating Voltage:	110 Vac
Operating Frequency:	2900±250 Hz. 1±25% Pulses per second
Typical Operating Current:	10 mA at 30 Vac 45 mA at 120 Vac
Typical Sound Pressure:	With volume control fully open: 92±5 dB(A), at 30 Vac, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 120 Vac, at 24 inches (61 cm), at 25°C.
Termination:	0.25 (6.3) Wide Quick Connect Blades with 0.25 (6.3) Long 6x32 Stainless Steel Screws Pull test with a maximum of 22 pounds (10 kg) load
Termination Strength:	
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)—0.062" Thick, 60 Durometer Neoprene
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes. 10 years under normal operating conditions. For a period of two years from the date of manufacture under normal operating conditions.
Life Expectancy:	
Warranty:	

DIMENSIONS



PANEL MOUNTING



Floyd Bell Inc
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

Revision: 2.07

XB-V09-201-W(F)

**Made in
USA**

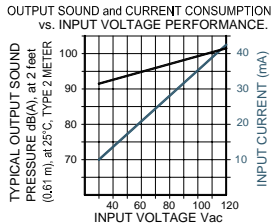


- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology

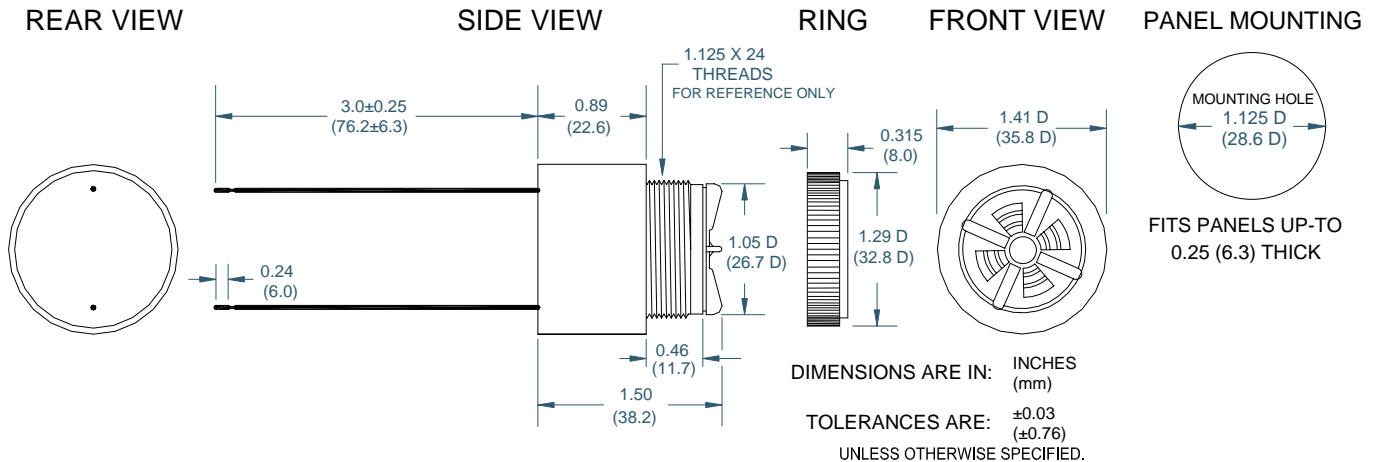
The XB-V09-201-W(F) is an extra loud output, panel mounted alarm for operating voltages of 30-120VAC. The built-in volume control provides variable attenuation up to 20 dB(A) typically. It is terminated with two 24AWG wires, 3" long, stripped 0.25".

SPECIFICATIONS

Operating Mode:	Extra Loud Beep Tone
Operating Voltage:	30-120 Vac
Nominal Operating Voltage:	110 Vac
Operating Frequency:	2900±250 Hz. 3±25% Pulses per second
Typical Operating Current:	10 mA at 30 Vac 45 mA at 120 Vac
Typical Sound Pressure:	With volume control fully open: 92±5 dB(A), at 30 Vac, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 120 Vac, at 24 inches (61 cm), at 25°C.
Termination:	24AWG Wire, Tinned Copper, Vinyl Insulated, Red and Black
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy:	10 years under normal operating conditions.
Warranty:	For a period of two years from the date of manufacture under normal operating conditions.



DIMENSIONS



Floyd Bell Inc
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

Revision: 2.07

XB-V09-201-W(M)

**Made in
USA**

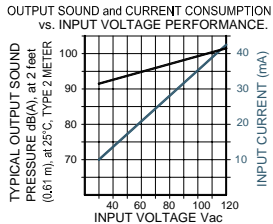


- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology

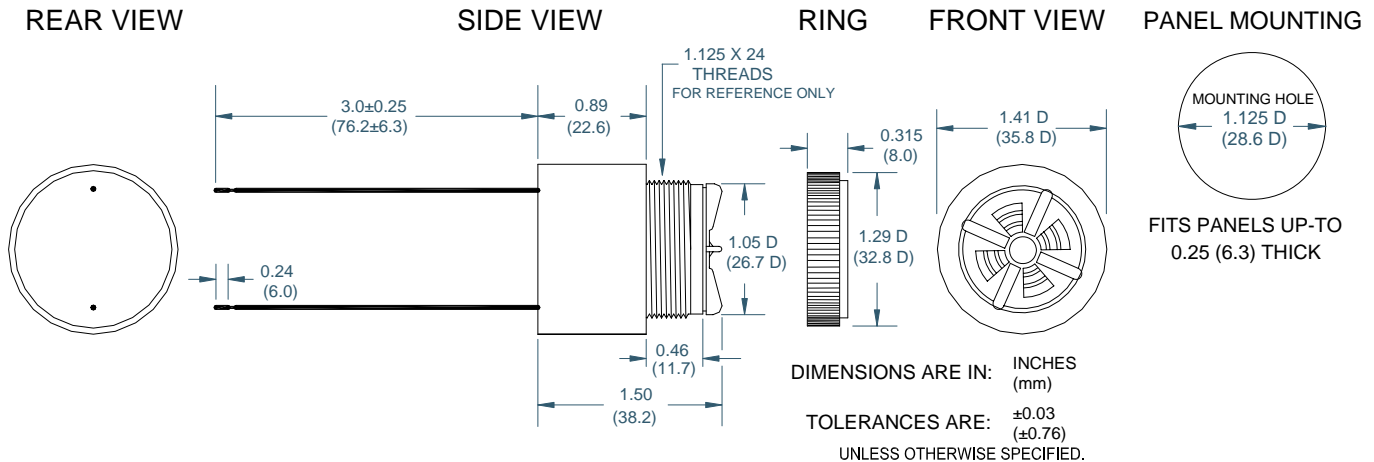
The XB-V09-201-W(M) is an extra loud output, panel mounted alarm for operating voltages of 30-120VAC. The built-in volume control provides variable attenuation up to 20 dB(A) typically. It is terminated with two 24AWG wires, 3" long, stripped 0.25".

SPECIFICATIONS

Operating Mode:	Extra Loud Beep Tone
Operating Voltage:	30-120 Vac
Nominal Operating Voltage:	110 Vac
Operating Frequency:	2900±250 Hz. 2±25% Pulses per second
Typical Operating Current:	10 mA at 30 Vac 45 mA at 120 Vac
Typical Sound Pressure:	With volume control fully open: 92±5 dB(A), at 30 Vac, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 120 Vac, at 24 inches (61 cm), at 25°C.
Termination:	24AWG Wire, Tinned Copper, Vinyl Insulated, Red and Black
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy:	10 years under normal operating conditions.
Warranty:	For a period of two years from the date of manufacture under normal operating conditions.



DIMENSIONS



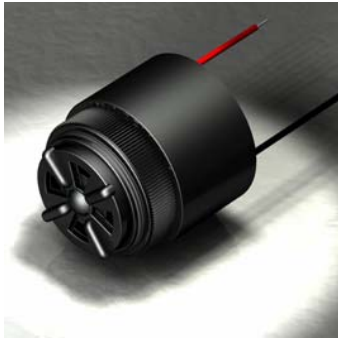
 **Floyd Bell Inc**
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

Revision: 2.07

XB-V09-201-W(S)

**Made in
USA**

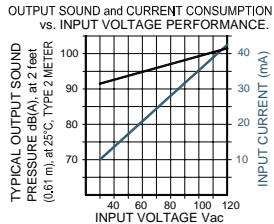


- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology

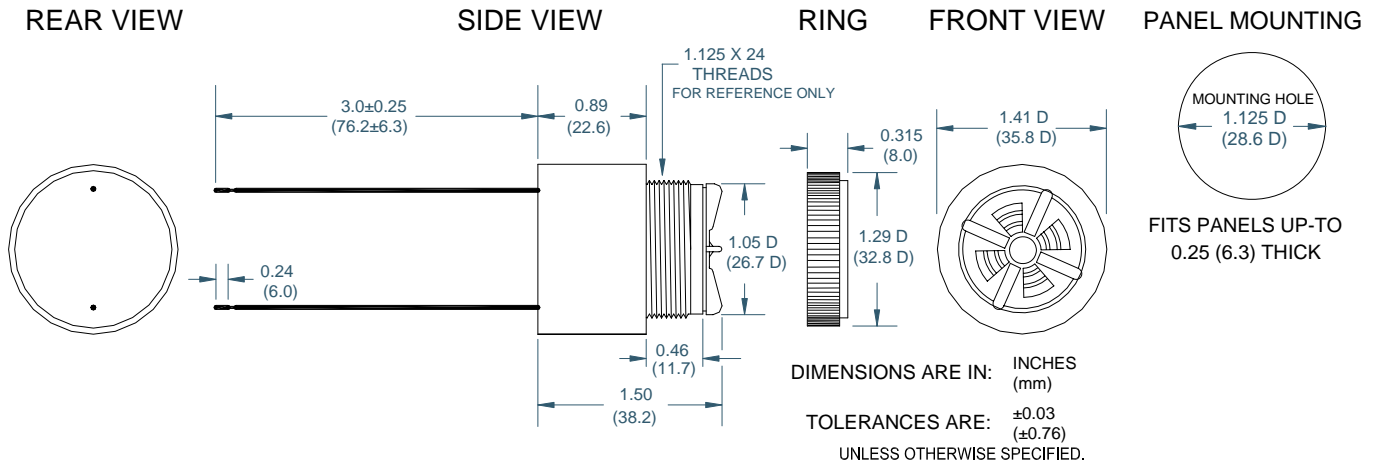
The XB-V09-201-W(S) is an extra loud output, panel mounted alarm for operating voltages of 30-120VAC. The built-in volume control provides variable attenuation up to 20 dB(A) typically. It is terminated with two 24AWG wires, 3" long, stripped 0.25".

SPECIFICATIONS

Operating Mode:	Extra Loud Beep Tone
Operating Voltage:	30-120 Vac
Nominal Operating Voltage:	110 Vac
Operating Frequency:	2900±250 Hz. 1±25% Pulses per second
Typical Operating Current:	10 mA at 30 Vac 45 mA at 120 Vac
Typical Sound Pressure:	With volume control fully open: 92±5 dB(A), at 30 Vac, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 120 Vac, at 24 inches (61 cm), at 25°C.
Termination:	24AWG Wire, Tinned Copper, Vinyl Insulated, Red and Black
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy:	10 years under normal operating conditions.
Warranty:	For a period of two years from the date of manufacture under normal operating conditions.



DIMENSIONS



 **Floyd Bell Inc**
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

Revision: 2.07

XB-V09-301-Q(F)

**Made in
USA**

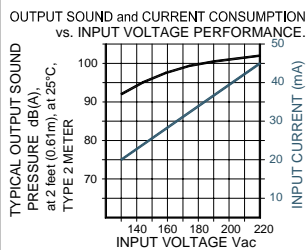


- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology

The XB-V09-301-Q(F) is an extra loud output, panel mounted alarm for operating voltages of 130-220VAC. The built-in volume control provides variable attenuation up to 20 dB(A) typically. The terminals are standard 0.25" quick-connect blades. The case is designed for panel mounting in a 1.125" hole.

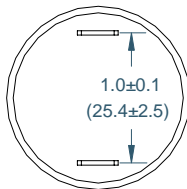
SPECIFICATIONS

Operating Mode:	Extra Loud Beep Tone
Operating Voltage:	130-220 Vac
Nominal Operating Voltage:	220 Vac
Operating Frequency:	2900±250 Hz. 3±25% Pulses per second
Typical Operating Current:	20 mA at 130 Vac 45 mA at 220 Vac
Typical Sound Pressure:	With volume control fully open: 92±5 dB(A), at 130 Vac, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 220 Vac, at 24 inches (61 cm), at 25°C.
Termination:	Quick Connect Blades, 0.25 (6.3) Width, 0.032 (0.8) Thickness
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy:	10 years under normal operating conditions.
Warranty:	For a period of two years from the date of manufacture under normal operating conditions.

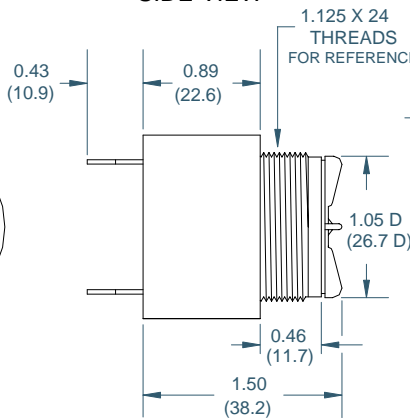


DIMENSIONS

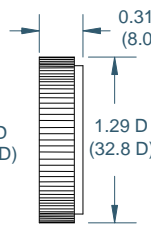
REAR VIEW



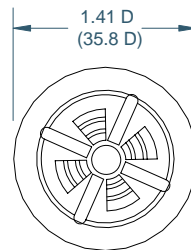
SIDE VIEW



RING

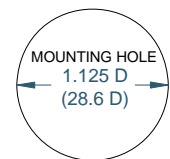


FRONT VIEW



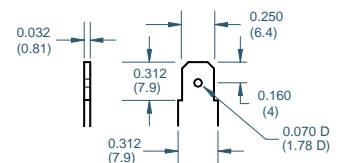
DIMENSIONS ARE IN: INCHES (mm)
TOLERANCES ARE: ±0.03 (±0.76)
UNLESS OTHERWISE SPECIFIED.

PANEL MOUNTING



FITS PANELS UP-TO 0.25 (6.3) THICK

"Q" TERMINALS



Floyd Bell Inc
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

Revision: 2.07

XB-V09-301-Q(M)

**Made in
USA**

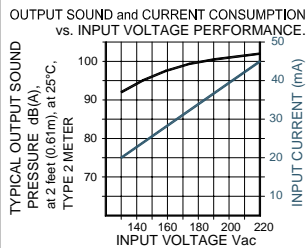


- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology

The XB-V09-301-Q(M) is an extra loud output, panel mounted alarm for operating voltages of 130-220VAC. The built-in volume control provides variable attenuation up to 20 dB(A) typically. The terminals are standard 0.25" quick-connect blades. The case is designed for panel mounting in a 1.125" hole.

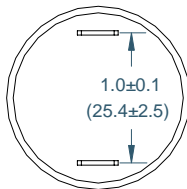
SPECIFICATIONS

Operating Mode:	Extra Loud Beep Tone
Operating Voltage:	130-220 Vac
Nominal Operating Voltage:	220 Vac
Operating Frequency:	2900±250 Hz. 2±25% Pulses per second
Typical Operating Current:	20 mA at 130 Vac 45 mA at 220 Vac
Typical Sound Pressure:	With volume control fully open: 92±5 dB(A), at 130 Vac, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 220 Vac, at 24 inches (61 cm), at 25°C.
Termination:	Quick Connect Blades, 0.25 (6.3) Width, 0.032 (0.8) Thickness
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy:	10 years under normal operating conditions.
Warranty:	For a period of two years from the date of manufacture under normal operating conditions.

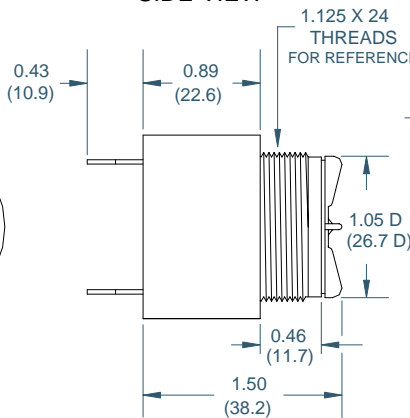


DIMENSIONS

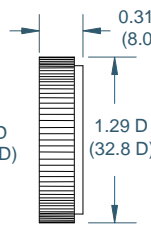
REAR VIEW



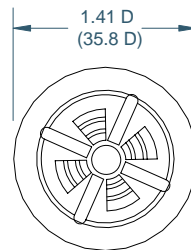
SIDE VIEW



RING

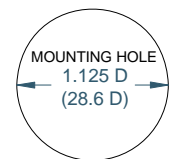


FRONT VIEW



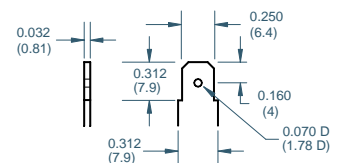
DIMENSIONS ARE IN: INCHES (mm)
TOLERANCES ARE: ±0.03 (±0.76)
UNLESS OTHERWISE SPECIFIED.

PANEL MOUNTING



FITS PANELS UP-TO 0.25 (6.3) THICK

"Q" TERMINALS



Floyd Bell Inc
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

Revision: 2.07

XB-V09-301-Q(S)

**Made in
USA**

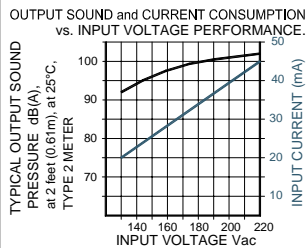


- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology

The XB-V09-301-Q(S) is an extra loud output, panel mounted alarm for operating voltages of 130-220VAC. The built-in volume control provides variable attenuation up to 20 dB(A) typically. The terminals are standard 0.25" quick-connect blades. The case is designed for panel mounting in a 1.125" hole.

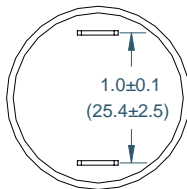
SPECIFICATIONS

Operating Mode:	Extra Loud Beep Tone
Operating Voltage:	130-220 Vac
Nominal Operating Voltage:	220 Vac
Operating Frequency:	2900±250 Hz. 1±25% Pulses per second
Typical Operating Current:	20 mA at 130 Vac 45 mA at 220 Vac
Typical Sound Pressure:	With volume control fully open: 92±5 dB(A), at 130 Vac, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 220 Vac, at 24 inches (61 cm), at 25°C.
Termination:	Quick Connect Blades, 0.25 (6.3) Width, 0.032 (0.8) Thickness
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy:	10 years under normal operating conditions.
Warranty:	For a period of two years from the date of manufacture under normal operating conditions.

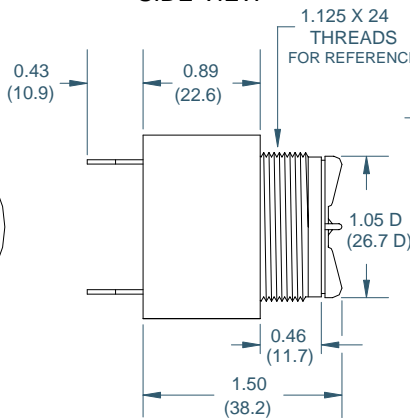


DIMENSIONS

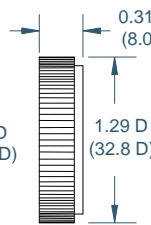
REAR VIEW



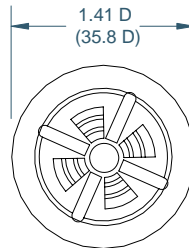
SIDE VIEW



RING

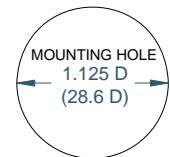


FRONT VIEW



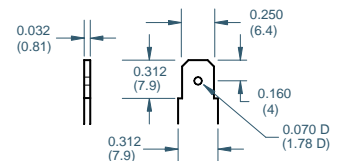
DIMENSIONS ARE IN: INCHES (mm)
TOLERANCES ARE: ±0.03 (±0.76)
UNLESS OTHERWISE SPECIFIED.

PANEL MOUNTING



FITS PANELS UP-TO 0.25 (6.3) THICK

"Q" TERMINALS



Floyd Bell Inc
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

Revision: 2.07

XB-V09-301-Q(U)

**Made in
USA**



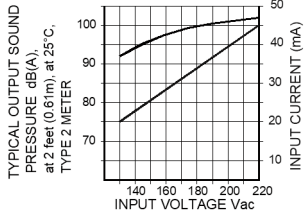
- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology

The XB-V09-301-Q(U) is an extra loud output, panel mounted alarm for operating voltages of 130-220VAC. The built-in volume control provides variable attenuation up to 20 dB(A) typically. The terminals are standard 0.25" quick-connect blades. The case is designed for panel mounting in a 1.125" hole.

SPECIFICATIONS

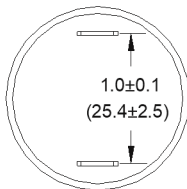
Operating Mode: Extra Loud Beep Tone
Operating Voltage: 130-220 Vac
Nominal Operating Voltage: 220 Vac
Operating Frequency: 2900±250 Hz.
 6±25% Pulses per second
Typical Operating Current: 20 mA at 130 Vac
 45 mA at 220 Vac
Typical Sound Pressure: With volume control fully open:
 92±5 dB(A), at 130 Vac, at 24 inches (61 cm), at 25°C
 103±5 dB(A), at 220 Vac, at 24 inches (61 cm), at 25°C.
Termination: Quick Connect Blades, 0.25 (6.3) Width, 0.032 (0.8) Thickness
Operating Temperature: Pull test with a maximum of 22 pounds (10 kg) load
 -20°C to +65°C.
Storage Temperature: -40°C to +85°C.
Surge Voltage: 20% over maximum rated voltage for less than 5 minutes.
Construction Materials: Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black
 Internal Circuit- Audio-oscillator and piezoelectric driver
 Potting- 2 parts epoxy resin or silicone, black
 Diaphragm- Stainless Steel 304
 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
Environmental Durability: Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output
 Humidity- 95% relative humidity at +40°C continuously for 100 hours.
 Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy: 10 years under normal operating conditions.
Warranty: For a period of two years from the date of manufacture under normal operating conditions.

OUTPUT SOUND and CURRENT CONSUMPTION vs. INPUT VOLTAGE PERFORMANCE.

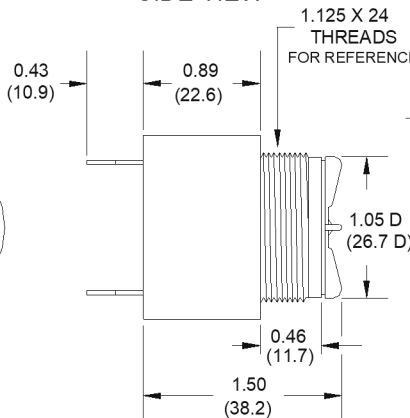


DIMENSIONS

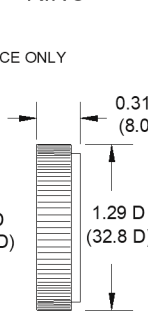
REAR VIEW



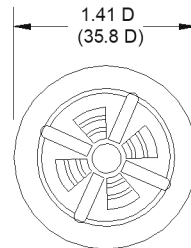
SIDE VIEW



RING

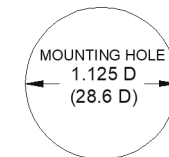


FRONT VIEW



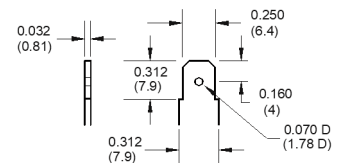
DIMENSIONS ARE IN: INCHES (mm)
 TOLERANCES ARE: ±0.03 (±0.76)
 UNLESS OTHERWISE SPECIFIED.

PANEL MOUNTING



FITS PANELS UP-TO 0.25 (6.3) THICK

"Q" TERMINALS



Floyd Bell Inc
 An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
 Tel: 888-FLOYD-BELL • Fax: 614/291-0823
 www.floydbell.com

Revision: 2.07

XB-V09-301-S(F)

**Made in
USA**

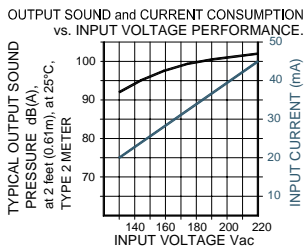


- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology

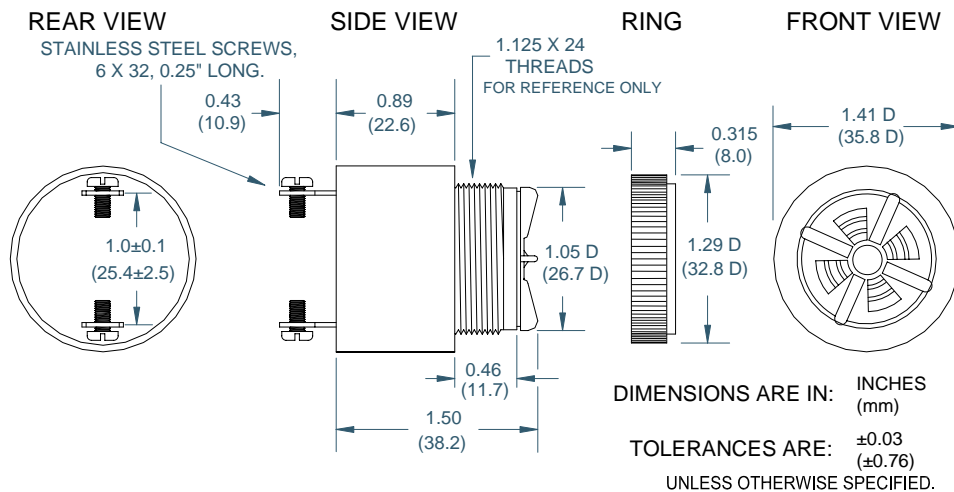
The XB-V09-301-S(F) is an extra loud output, panel mounted alarm for operating voltages of 130-220VAC. The built-in volume control provides variable attenuation up to 20 dB(A) typically. The terminals are standard 0.25" quick-connect blades with screws added for connection to wires with lugs.

SPECIFICATIONS

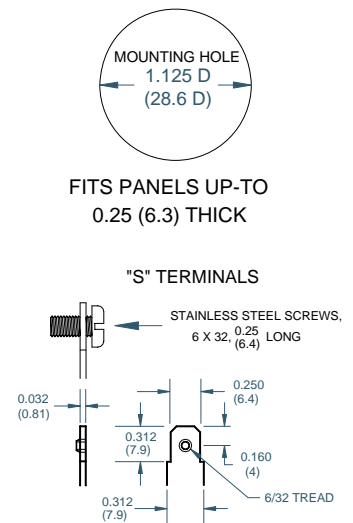
Operating Mode:	Extra Loud Beep Tone
Operating Voltage:	130-220 Vac
Nominal Operating Voltage:	220 Vac
Operating Frequency:	2900±250 Hz. 3±25% Pulses per second
Typical Operating Current:	20 mA at 130 Vac 45 mA at 220 Vac
Typical Sound Pressure:	With volume control fully open: 92±5 dB(A), at 130 Vac, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 220 Vac, at 24 inches (61 cm), at 25°C.
Termination:	0.25 (6.3) Wide Quick Connect Blades with 0.25 (6.3) Long 6x32 Stainless Steel Screws Pull test with a maximum of 22 pounds (10 kg) load
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)— 0.062" Thick, 60 Durometer Neoprene
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy:	10 years under normal operating conditions.
Warranty:	For a period of two years from the date of manufacture under normal operating conditions.



DIMENSIONS



PANEL MOUNTING



Floyd Bell Inc
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

Revision: 2.07

XB-V09-301-S(M)

**Made in
USA**

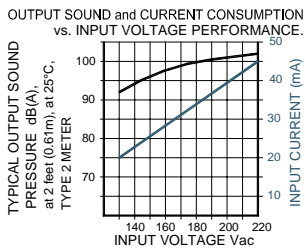


- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology

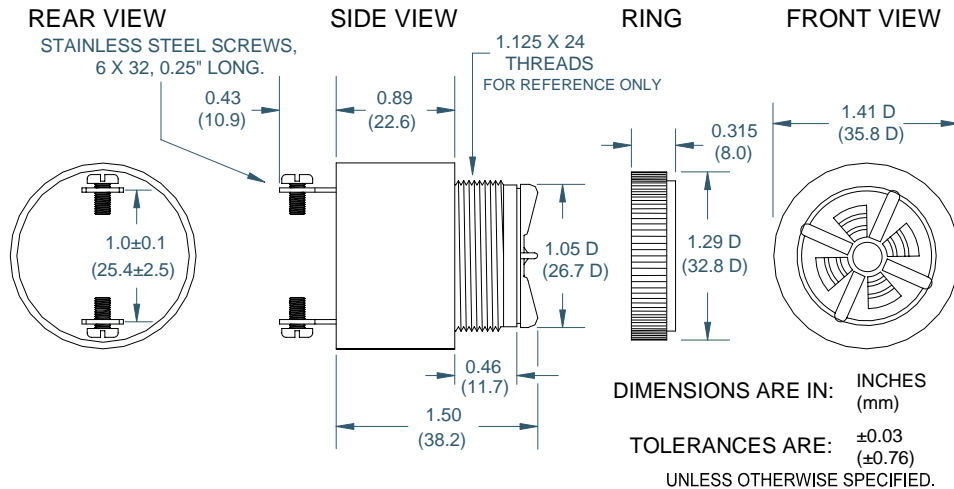
The XB-V09-301-S(M) is an extra loud output, panel mounted alarm for operating voltages of 130-220VAC. The built-in volume control provides variable attenuation up to 20 dB(A) typically. The terminals are standard 0.25" quick-connect blades with screws added for connection to wires with lugs.

SPECIFICATIONS

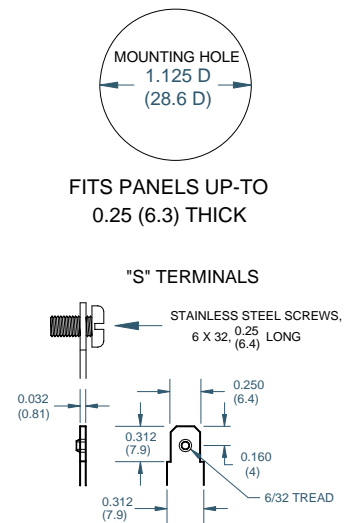
Operating Mode:	Extra Loud Beep Tone
Operating Voltage:	130-220 Vac
Nominal Operating Voltage:	220 Vac
Operating Frequency:	2900±250 Hz. 2±25% Pulses per second
Typical Operating Current:	20 mA at 130 Vac 45 mA at 220 Vac
Typical Sound Pressure:	With volume control fully open: 92±5 dB(A), at 130 Vac, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 220 Vac, at 24 inches (61 cm), at 25°C.
Termination:	0.25 (6.3) Wide Quick Connect Blades with 0.25 (6.3) Long 6x32 Stainless Steel Screws Pull test with a maximum of 22 pounds (10 kg) load
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)— 0.062" Thick, 60 Durometer Neoprene
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy:	10 years under normal operating conditions.
Warranty:	For a period of two years from the date of manufacture under normal operating conditions.



DIMENSIONS



PANEL MOUNTING



Floyd Bell Inc
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

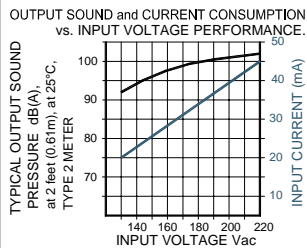
Revision: 2.07

XB-V09-301-S(S)

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology

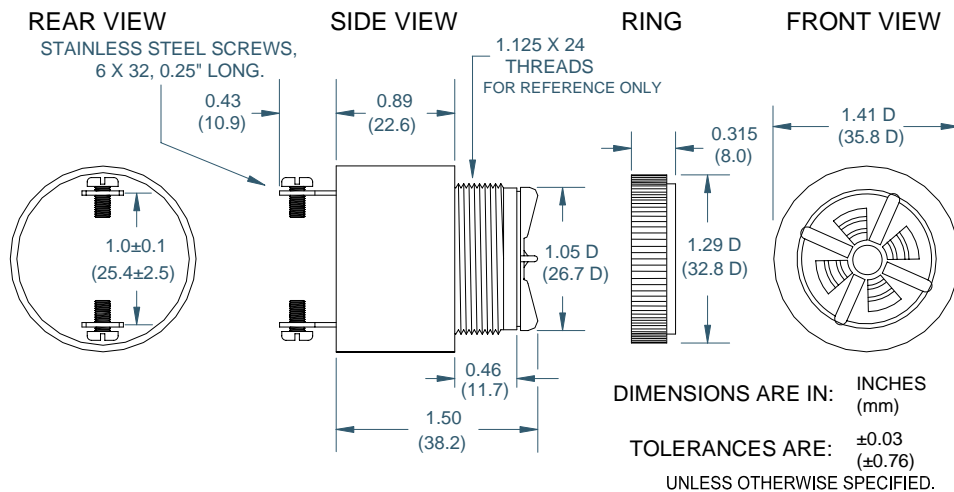


The XB-V09-301-S(S) is an extra loud output, panel mounted alarm for operating voltages of 130-220VAC. The built-in volume control provides variable attenuation up to 20 dB(A) typically. The terminals are standard 0.25" quick-connect blades with screws added for connection to wires with lugs.

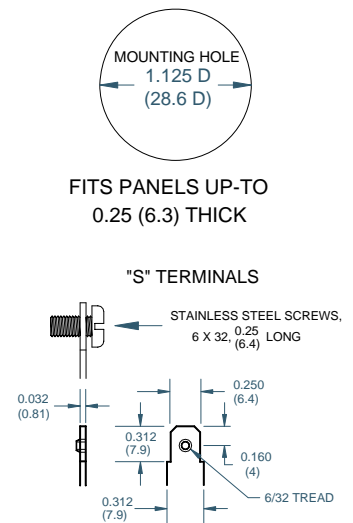
SPECIFICATIONS

Operating Mode: Extra Loud Beep Tone
Operating Voltage: 130-220 Vac
Nominal Operating Voltage: 220 Vac
Operating Frequency: 2900±250 Hz.
 1±25% Pulses per second
Typical Operating Current: 20 mA at 130 Vac
 45 mA at 220 Vac
Typical Sound Pressure: With volume control fully open:
 92±5 dB(A), at 130 Vac, at 24 inches (61 cm), at 25°C
 103±5 dB(A), at 220 Vac, at 24 inches (61 cm), at 25°C.
Termination: 0.25 (6.3) Wide Quick Connect Blades with 0.25 (6.3) Long 6x32 Stainless Steel Screws
 Pull test with a maximum of 22 pounds (10 kg) load
Termination Strength:
Operating Temperature: -20°C to +65°C.
Storage Temperature: -40°C to +85°C.
Surge Voltage: 20% over maximum rated voltage for less than 5 minutes.
Construction Materials: Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver
 Potting- 2 parts epoxy resin or silicone, black
 Diaphragm- Stainless Steel 304
 Gasket (Sold Separately)— 0.062" Thick, 60 Durometer Neoprene
Environmental Durability: Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output
 Humidity- 95% relative humidity at +40°C continuously for 100 hours.
 Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy: 10 years under normal operating conditions.
Warranty: For a period of two years from the date of manufacture under normal operating conditions.

DIMENSIONS



PANEL MOUNTING



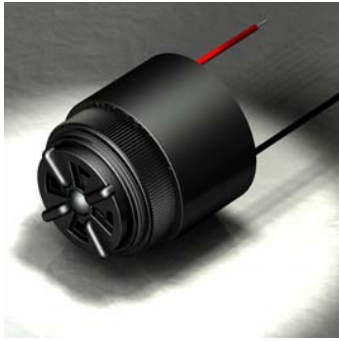
Floyd Bell Inc
 An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
 Tel: 888-FLOYD-BELL • Fax: 614/291-0823
 www.floydbell.com

Revision: 2.07

XB-V09-301-W(F)

**Made in
USA**

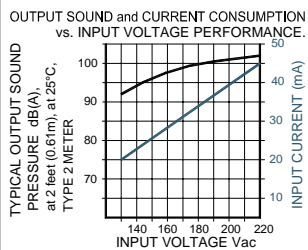


- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology

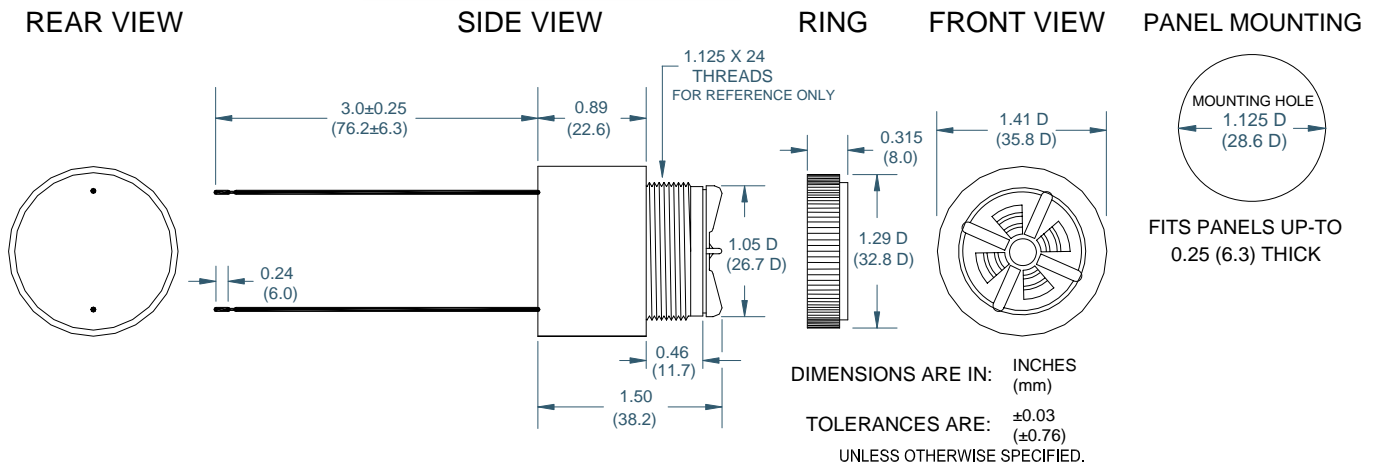
The XB-V09-301-W(F) is an extra loud output, panel mounted alarm for operating voltages of 130-220VAC. The built-in volume control provides variable attenuation up to 20 dB(A) typically. It is terminated with two 24AWG wires, 3" long, stripped 0.25".

SPECIFICATIONS

Operating Mode:	Extra Loud Beep Tone
Operating Voltage:	130-220 Vac
Nominal Operating Voltage:	220 Vac
Operating Frequency:	2900±250 Hz. 3±25% Pulses per second
Typical Operating Current:	20 mA at 130 Vac 45 mA at 220 Vac
Typical Sound Pressure:	With volume control fully open: 92±5 dB(A), at 130 Vac, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 220 Vac, at 24 inches (61 cm), at 25°C.
Termination:	24AWG Wire, Tinned Copper, Vinyl Insulated, Red and Black
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy:	10 years under normal operating conditions.
Warranty:	For a period of two years from the date of manufacture under normal operating conditions.



DIMENSIONS



 **Floyd Bell Inc**
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

Revision: 2.07

XB-V09-301-W(M)

**Made in
USA**

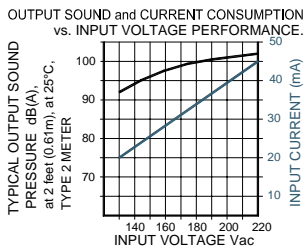


- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology

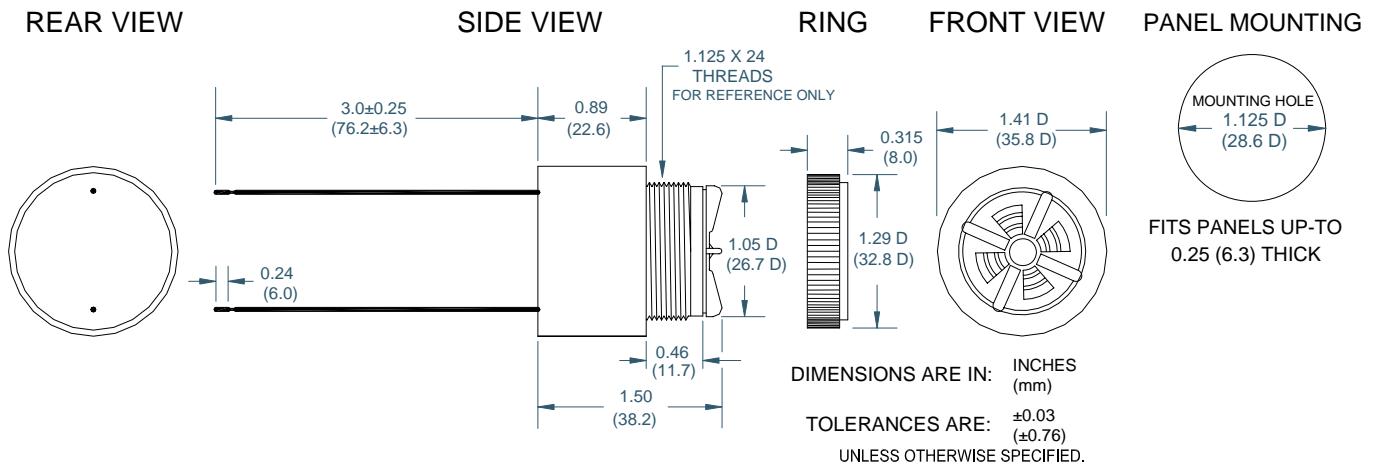
The XB-V09-301-W(M) is an extra loud output, panel mounted alarm for operating voltages of 130-220VAC. The built-in volume control provides variable attenuation up to 20 dB(A) typically. It is terminated with two 24AWG wires, 3" long, stripped 0.25".

SPECIFICATIONS

Operating Mode:	Extra Loud Beep Tone
Operating Voltage:	130-220 Vac
Nominal Operating Voltage:	220 Vac
Operating Frequency:	2900±250 Hz. 2±25% Pulses per second
Typical Operating Current:	20 mA at 130 Vac 45 mA at 220 Vac
Typical Sound Pressure:	With volume control fully open: 92±5 dB(A), at 130 Vac, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 220 Vac, at 24 inches (61 cm), at 25°C.
Termination:	24AWG Wire, Tinned Copper, Vinyl Insulated, Red and Black
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy:	10 years under normal operating conditions.
Warranty:	For a period of two years from the date of manufacture under normal operating conditions.



DIMENSIONS



 **Floyd Bell Inc**
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

Revision: 2.07

XB-V09-301-W(S)

**Made in
USA**

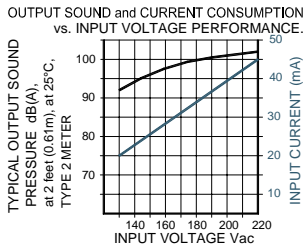


- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology

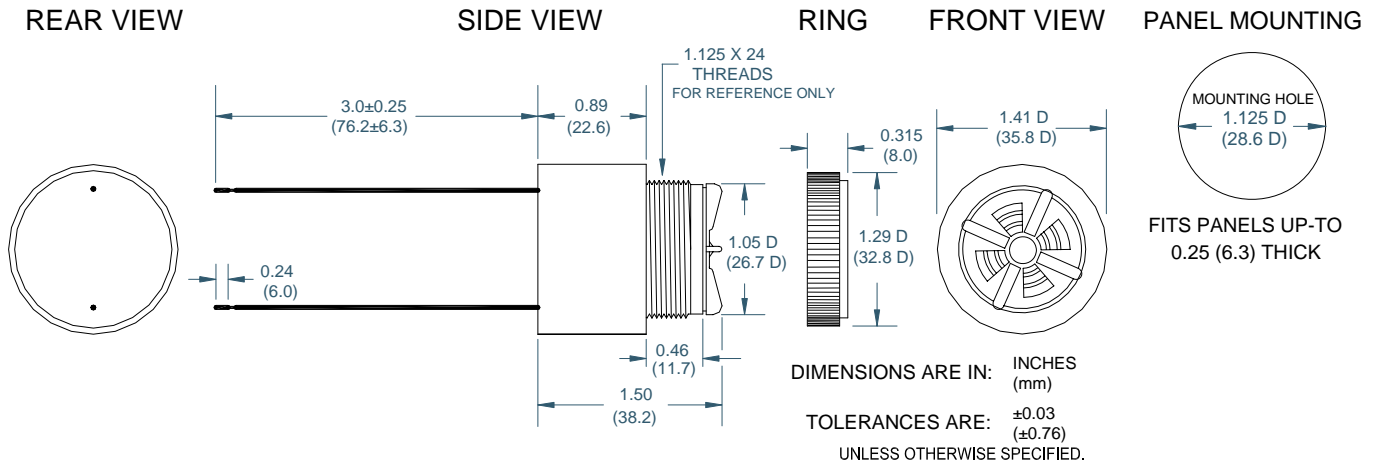
The XB-V09-301-W(S) is an extra loud output, panel mounted alarm for operating voltages of 130-220VAC. The built-in volume control provides variable attenuation up to 20 dB(A) typically. It is terminated with two 24AWG wires, 3" long, stripped 0.25".

SPECIFICATIONS

Operating Mode:	Extra Loud Beep Tone
Operating Voltage:	130-220 Vac
Nominal Operating Voltage:	220 Vac
Operating Frequency:	2900±250 Hz. 1±25% Pulses per second
Typical Operating Current:	20 mA at 130 Vac 45 mA at 220 Vac
Typical Sound Pressure:	With volume control fully open: 92±5 dB(A), at 130 Vac, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 220 Vac, at 24 inches (61 cm), at 25°C.
Termination:	24AWG Wire, Tinned Copper, Vinyl Insulated, Red and Black
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy:	10 years under normal operating conditions.
Warranty:	For a period of two years from the date of manufacture under normal operating conditions.



DIMENSIONS



 **Floyd Bell Inc**
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

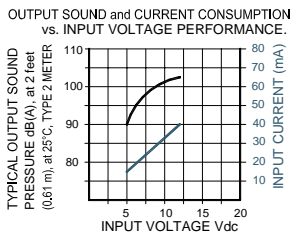
Revision: 2.07

XB-V09-312-Q(F)

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology



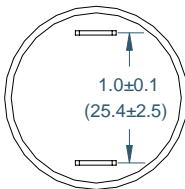
The XB-V09-312-Q(F) is an extra loud output, panel mounted alarm for operating voltages of 5-12VDC. The built-in volume control provides variable attenuation up to 20 dB(A) typically. The terminals are standard 0.25" quick-connect blades for push-on or direct solder attachment.

SPECIFICATIONS

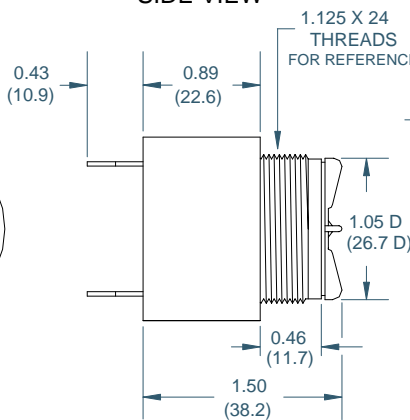
Operating Mode: Extra Loud Beep Tone
Operating Voltage: 5-12 Vdc
Nominal Operating Voltage: 12 Vdc
Operating Frequency: 2900±250 Hz.
 3±25% Pulses per second
Typical Operating Current: 15 mA at 5 Vdc
 40 mA at 12 Vdc
Typical Sound Pressure: With volume control fully open:
 90±5 dB(A), at 5 Vdc, at 24 inches (61 cm), at 25°C
 103±5 dB(A), at 12 Vdc, at 24 inches (61 cm), at 25°C.
Termination: Quick Connect Blades, 0.25 (6.3) Width, 0.032 (0.8) Thickness
Termination Strength: Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature: -20°C to +65°C.
Storage Temperature: -40°C to +85°C.
Surge Voltage: 20% over maximum rated voltage for less than 5 minutes.
Part Recognized By: Underwriters Laboratory
Reverse Voltage Protection: To the maximum operating voltage.
Construction Materials: Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black
 Internal Circuit- Audio-oscillator and piezoelectric driver
 Potting- 2 parts epoxy resin or silicone, black
 Diaphragm- Stainless Steel 304
 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
Environmental Durability: Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output
 Humidity- 95% relative humidity at +40°C continuously for 100 hours.
 Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy: 10 years under normal operating conditions.
Warranty: For a period of two years from the date of manufacture under normal operating conditions.

DIMENSIONS

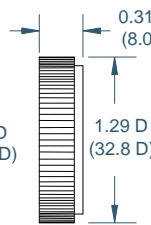
REAR VIEW



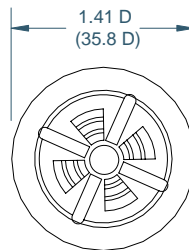
SIDE VIEW



RING

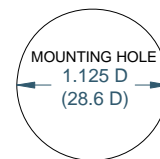


FRONT VIEW



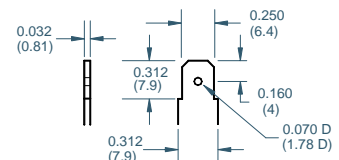
DIMENSIONS ARE IN: INCHES (mm)
 TOLERANCES ARE: ±0.03 (±0.76)
 UNLESS OTHERWISE SPECIFIED.

PANEL MOUNTING



FITS PANELS UP-TO 0.25 (6.3) THICK

"Q" TERMINALS



Floyd Bell Inc
 An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
 Tel: 888-FLOYD-BELL • Fax: 614/291-0823
 www.floydbell.com

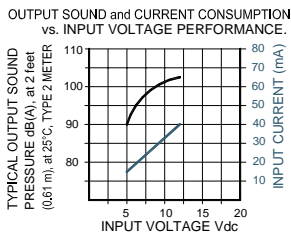
Revision: 2.07

XB-V09-312-Q(F)D

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Polarity Protected Circuitry
- Two Tones, One Package

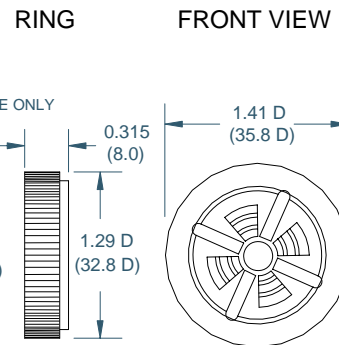
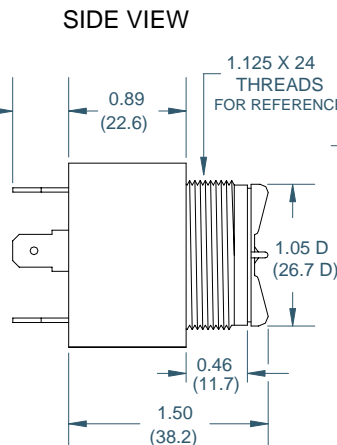
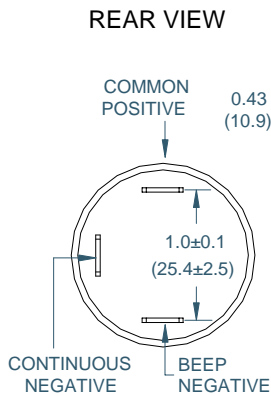


The XB-V09-312-Q(F)D is an extra loud output, dual function, panel mounted alarm for operating voltages of 5-12VDC. The alarm functions as a fast beep tone and as a continuous tone. The built-in volume control provides variable attenuation up to 20 dB(A) typically.

SPECIFICATIONS

Operating Mode:	Extra Loud Dual Function Beep/Continuous Tone
Operating Voltage:	5-12 Vdc
Nominal Operating Voltage:	12 Vdc
Operating Frequency:	2900±250 Hz. 3±25% Pulses per second in Beep Mode
Typical Operating Current:	15 mA at 5 Vdc 40 mA at 12 Vdc
Typical Sound Pressure:	With volume control fully open: 90±5 dB(A), at 5 Vdc, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 12 Vdc, at 24 inches (61 cm), at 25°C.
Termination:	Quick Connect Blades, 0.25 (6.3) Width, 0.032 (0.8) Thickness
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Reverse Voltage Protection:	To the maximum operating voltage.
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy:	10 years under normal operating conditions.
Warranty:	For a period of two years from the date of manufacture under normal operating conditions.

DIMENSIONS

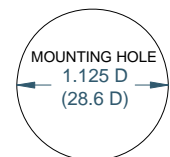


DIMENSIONS ARE IN: INCHES (mm)

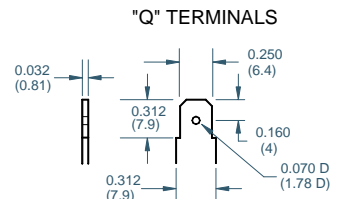
TOLERANCES ARE: ±0.03 (±0.76)

UNLESS OTHERWISE SPECIFIED.

PANEL MOUNTING



FITS PANELS UP-TO 0.25 (6.3) THICK



Floyd Bell Inc
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

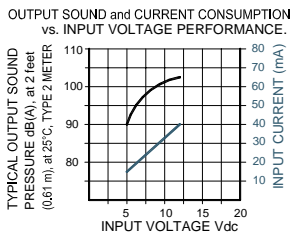
Revision: 2.07

XB-V09-312-Q(M)

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology



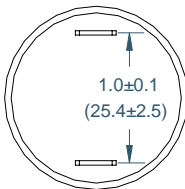
The XB-V09-312-Q(M) is an extra loud output, panel mounted alarm for operating voltages of 5-12VDC. The built-in volume control provides variable attenuation up to 20 dB(A) typically. The terminals are standard 0.25" quick-connect blades for push-on or direct solder attachment.

SPECIFICATIONS

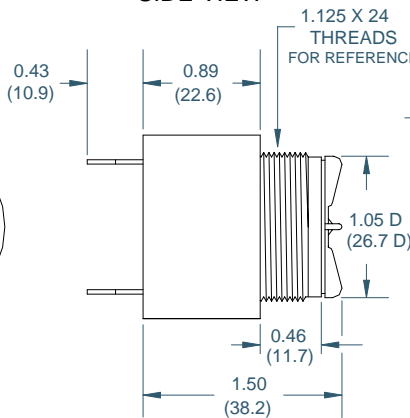
Operating Mode:	Extra Loud Beep Tone
Operating Voltage:	5-12 Vdc
Nominal Operating Voltage:	12 Vdc
Operating Frequency:	2900±250 Hz. 2±25% Pulses per second
Typical Operating Current:	15 mA at 5 Vdc 40 mA at 12 Vdc
Typical Sound Pressure:	With volume control fully open: 90±5 dB(A), at 5 Vdc, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 12 Vdc, at 24 inches (61 cm), at 25°C.
Termination:	Quick Connect Blades, 0.25 (6.3) Width, 0.032 (0.8) Thickness
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Part Recognized By:	Underwriters Laboratory
Reverse Voltage Protection:	To the maximum operating voltage.
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy:	10 years under normal operating conditions.
Warranty:	For a period of two years from the date of manufacture under normal operating conditions.

DIMENSIONS

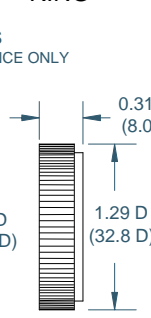
REAR VIEW



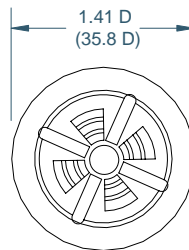
SIDE VIEW



RING

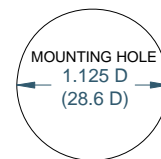


FRONT VIEW



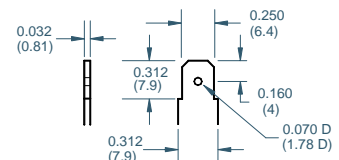
DIMENSIONS ARE IN: INCHES (mm)
TOLERANCES ARE: ±0.03 (±0.76)
UNLESS OTHERWISE SPECIFIED.

PANEL MOUNTING



FITS PANELS UP-TO 0.25 (6.3) THICK

"Q" TERMINALS



Floyd Bell Inc
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

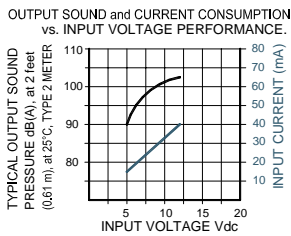
Revision: 2.07

XB-V09-312-Q(M)D

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Polarity Protected Circuitry
- Two Tones, One Package

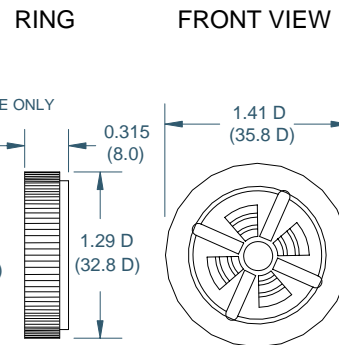
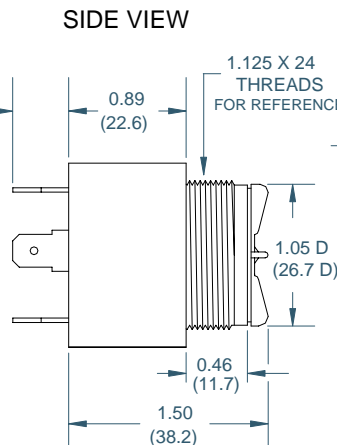
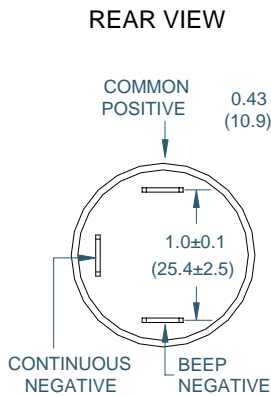


The XB-V09-312-Q(M)D is an extra loud output, dual function, panel mounted alarm for operating voltages of 5-12VDC. The alarm functions as a medium beep tone and as a continuous tone. The built-in volume control provides variable attenuation up to 20 dB(A) typically.

SPECIFICATIONS

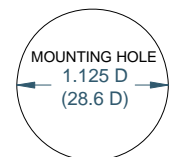
Operating Mode: Extra Loud Dual Function Beep/Continuous Tone
Operating Voltage: 5-12 Vdc
Nominal Operating Voltage: 12 Vdc
Operating Frequency: 2900±250 Hz.
 2±25% Pulses per second in Beep Mode
Typical Operating Current: 15 mA at 5 Vdc
 40 mA at 12 Vdc
Typical Sound Pressure: With volume control fully open:
 90±5 dB(A), at 5 Vdc, at 24 inches (61 cm), at 25°C
 103±5 dB(A), at 12 Vdc, at 24 inches (61 cm), at 25°C.
Termination: Quick Connect Blades, 0.25 (6.3) Width, 0.032 (0.8) Thickness
Termination Strength: Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature: -20°C to +65°C.
Storage Temperature: -40°C to +85°C.
Surge Voltage: 20% over maximum rated voltage for less than 5 minutes.
Reverse Voltage Protection: To the maximum operating voltage.
Construction Materials: Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver
 Potting- 2 parts epoxy resin or silicone, black
 Diaphragm- Stainless Steel 304
 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
Environmental Durability: Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output
 Humidity- 95% relative humidity at +40°C continuously for 100 hours.
 Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy: 10 years under normal operating conditions.
Warranty: For a period of two years from the date of manufacture under normal operating conditions.

DIMENSIONS

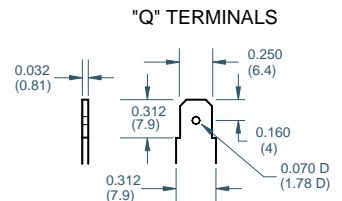


DIMENSIONS ARE IN: INCHES (mm)
 TOLERANCES ARE: ±0.03 (±0.76)
 UNLESS OTHERWISE SPECIFIED.

PANEL MOUNTING



FITS PANELS UP-TO 0.25 (6.3) THICK



Floyd Bell Inc
 An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
 Tel: 888-FLOYD-BELL • Fax: 614/291-0823
 www.floydbell.com

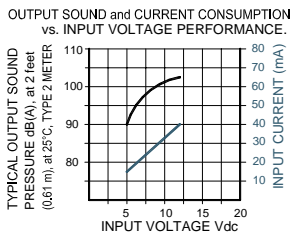
Revision: 2.07

XB-V09-312-Q(S)

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology



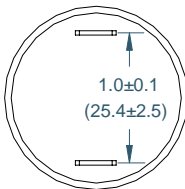
The XB-V09-312-Q(S) is an extra loud output, panel mounted alarm for operating voltages of 5-12VDC. The built-in volume control provides variable attenuation up to 20 dB(A) typically. The terminals are standard 0.25" quick-connect blades for push-on or direct solder attachment.

SPECIFICATIONS

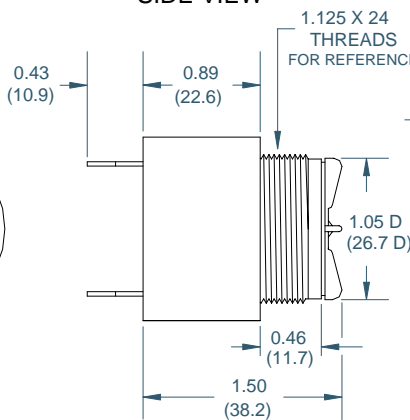
Operating Mode:	Extra Loud Beep Tone
Operating Voltage:	5-12 Vdc
Nominal Operating Voltage:	12 Vdc
Operating Frequency:	2900±250 Hz. 1±25% Pulses per second
Typical Operating Current:	15 mA at 5 Vdc 40 mA at 12 Vdc
Typical Sound Pressure:	With volume control fully open: 90±5 dB(A), at 5 Vdc, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 12 Vdc, at 24 inches (61 cm), at 25°C.
Termination:	Quick Connect Blades, 0.25 (6.3) Width, 0.032 (0.8) Thickness
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Part Recognized By:	Underwriters Laboratory
Reverse Voltage Protection:	To the maximum operating voltage.
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy:	10 years under normal operating conditions.
Warranty:	For a period of two years from the date of manufacture under normal operating conditions.

DIMENSIONS

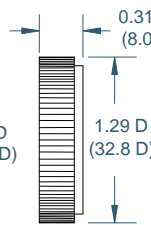
REAR VIEW



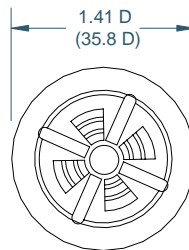
SIDE VIEW



RING

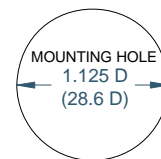


FRONT VIEW



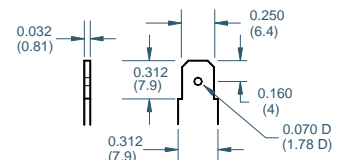
DIMENSIONS ARE IN: INCHES (mm)
TOLERANCES ARE: ±0.03 (±0.76)
UNLESS OTHERWISE SPECIFIED.

PANEL MOUNTING



FITS PANELS UP-TO 0.25 (6.3) THICK

"Q" TERMINALS



Floyd Bell Inc
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

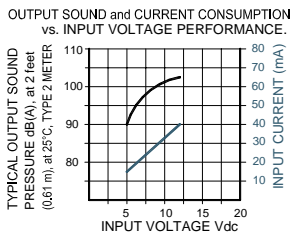
Revision: 2.07

XB-V09-312-Q(S)D

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Polarity Protected Circuitry
- Two Tones, One Package

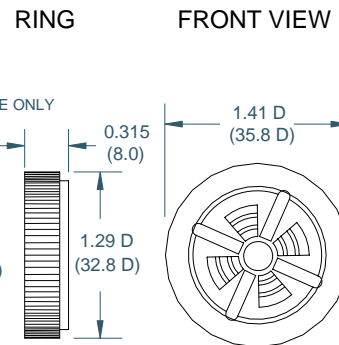
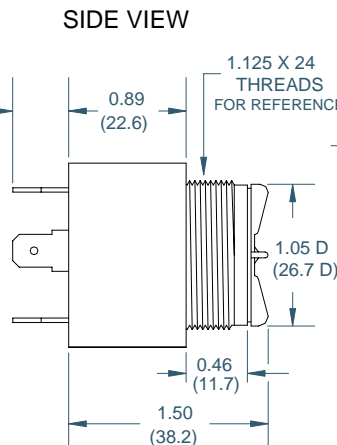
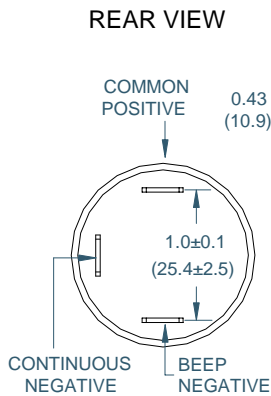


The XB-V09-312-Q(S)D is an extra loud output, dual function, panel mounted alarm for operating voltages of 5-12VDC. The alarm functions as a slow beep tone and as a continuous tone. The built-in volume control provides variable attenuation up to 20 dB(A) typically.

SPECIFICATIONS

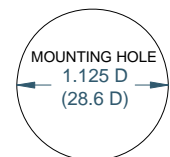
Operating Mode: Extra Loud Dual Function Beep/Continuous Tone
Operating Voltage: 5-12 Vdc
Nominal Operating Voltage: 12 Vdc
Operating Frequency: 2900±250 Hz.
 1±25% Pulses per second in Beep Mode
Typical Operating Current: 15 mA at 5 Vdc
 40 mA at 12 Vdc
Typical Sound Pressure: With volume control fully open:
 90±5 dB(A), at 5 Vdc, at 24 inches (61 cm), at 25°C
 103±5 dB(A), at 12 Vdc, at 24 inches (61 cm), at 25°C.
Termination: Quick Connect Blades, 0.25 (6.3) Width, 0.032 (0.8) Thickness
Termination Strength: Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature: -20°C to +65°C.
Storage Temperature: -40°C to +85°C.
Surge Voltage: 20% over maximum rated voltage for less than 5 minutes.
Reverse Voltage Protection: To the maximum operating voltage.
Construction Materials: Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver
 Potting- 2 parts epoxy resin or silicone, black
 Diaphragm- Stainless Steel 304
 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
Environmental Durability: Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output
 Humidity- 95% relative humidity at +40°C continuously for 100 hours.
 Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy: 10 years under normal operating conditions.
Warranty: For a period of two years from the date of manufacture under normal operating conditions.

DIMENSIONS

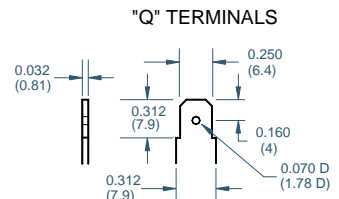


DIMENSIONS ARE IN: INCHES (mm)
 TOLERANCES ARE: ±0.03 (±0.76)
 UNLESS OTHERWISE SPECIFIED.

PANEL MOUNTING



FITS PANELS UP-TO 0.25 (6.3) THICK



 **Floyd Bell Inc**
 An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
 Tel: 888-FLOYD-BELL • Fax: 614/291-0823
 www.floydbell.com

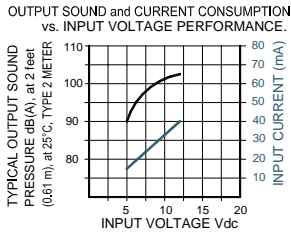
Revision: 2.07

XB-V09-312-Q(U)

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology



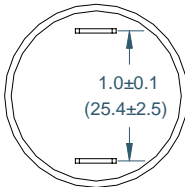
The XB-V09-312-Q(U) is an extra loud output, panel mounted alarm for operating voltages of 5-12VDC. The built-in volume control provides variable attenuation up to 20 dB(A) typically. The terminals are standard 0.25" quick-connect blades for push-on or direct solder attachment.

SPECIFICATIONS

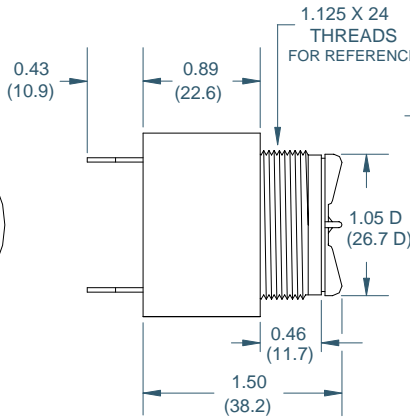
Operating Mode:	Extra Loud Beep Tone
Operating Voltage:	5-12 Vdc
Nominal Operating Voltage:	12 Vdc
Operating Frequency:	2900±250 Hz. 6±25% Pulses per second
Typical Operating Current:	15 mA at 5 Vdc 40 mA at 12 Vdc
Typical Sound Pressure:	With volume control fully open: 90±5 dB(A), at 5 Vdc, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 12 Vdc, at 24 inches (61 cm), at 25°C.
Termination:	Quick Connect Blades, 0.25 (6.3) Width, 0.032 (0.8) Thickness
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Part Recognized By:	Underwriters Laboratory
Reverse Voltage Protection:	To the maximum operating voltage.
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy:	10 years under normal operating conditions.
Warranty:	For a period of two years from the date of manufacture under normal operating conditions.

DIMENSIONS

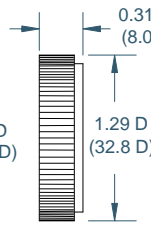
REAR VIEW



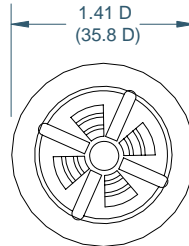
SIDE VIEW



RING

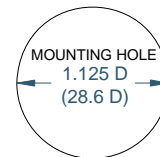


FRONT VIEW



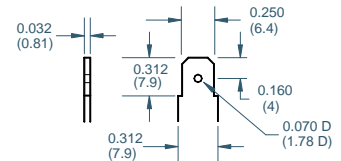
DIMENSIONS ARE IN: INCHES (mm)
TOLERANCES ARE: ±0.03 (±0.76)
UNLESS OTHERWISE SPECIFIED.

PANEL MOUNTING



FITS PANELS UP-TO 0.25 (6.3) THICK

"Q" TERMINALS



Floyd Bell Inc
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

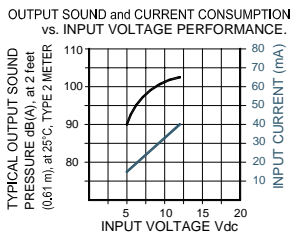
Revision: 2.07

XB-V09-312-Q(U)D

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Polarity Protected Circuitry
- Two Tones, One Package

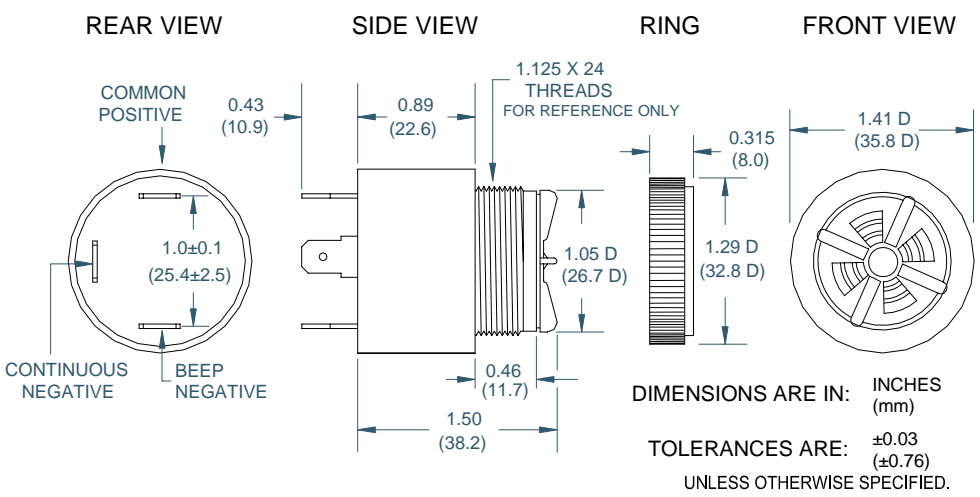


The XB-V09-312-Q(U)D is an extra loud output, dual function, panel mounted alarm for operating voltages of 5-12VDC. The alarm functions as an ultra fast beep tone and as a continuous tone. The built-in volume control provides variable attenuation up to 20 dB(A) typically.

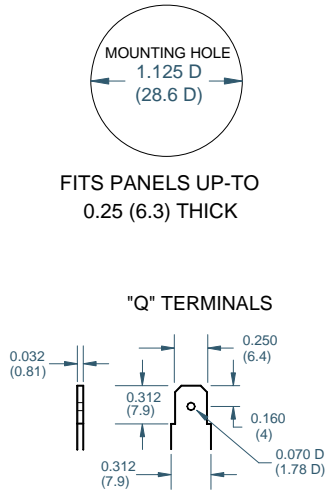
SPECIFICATIONS

Operating Mode: Extra Loud Dual Function Beep/Continuous Tone
Operating Voltage: 5-12 Vdc
Nominal Operating Voltage: 12 Vdc
Operating Frequency: 2900±250 Hz.
 6±25% Pulses per second in Beep Mode
Typical Operating Current: 15 mA at 5 Vdc
 40 mA at 12 Vdc
Typical Sound Pressure: With volume control fully open:
 90±5 dB(A), at 5 Vdc, at 24 inches (61 cm), at 25°C
 103±5 dB(A), at 12 Vdc, at 24 inches (61 cm), at 25°C.
Termination: Quick Connect Blades, 0.25 (6.3) Width, 0.032 (0.8) Thickness
Termination Strength: Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature: -20°C to +65°C.
Storage Temperature: -40°C to +85°C.
Surge Voltage: 20% over maximum rated voltage for less than 5 minutes.
Reverse Voltage Protection: To the maximum operating voltage.
Construction Materials: Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver
 Potting- 2 parts epoxy resin or silicone, black
 Diaphragm- Stainless Steel 304
 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
Environmental Durability: Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output
 Humidity- 95% relative humidity at +40°C continuously for 100 hours.
 Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy: 10 years under normal operating conditions.
Warranty: For a period of two years from the date of manufacture under normal operating conditions.

DIMENSIONS



PANEL MOUNTING



Floyd Bell Inc
 An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
 Tel: 888-FLOYD-BELL • Fax: 614/291-0823
 www.floydbell.com

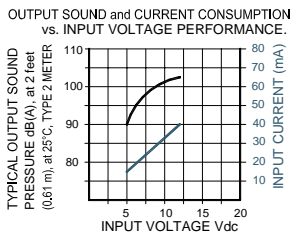
Revision: 2.07

XB-V09-312-S(F)

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology



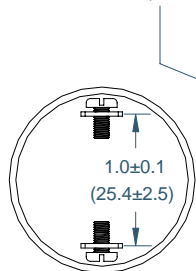
The XB-V09-312-S(F) is an extra loud output, panel mounted alarm for operating voltages of 5-12VDC. The built-in volume control provides variable attenuation up to 20 dB(A) typically. The terminals are standard 0.25" quick-connect blades with screws added for connection to wires with lugs.

SPECIFICATIONS

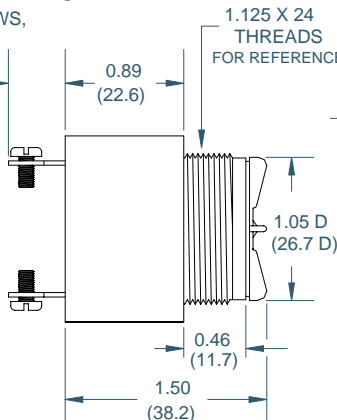
Operating Mode:	Extra Loud Beep Tone
Operating Voltage:	5-12 Vdc
Nominal Operating Voltage:	12 Vdc
Operating Frequency:	2900±250 Hz. 3±25% Pulses per second
Typical Operating Current:	15 mA at 5 Vdc 40 mA at 12 Vdc
Typical Sound Pressure:	With volume control fully open: 90±5 dB(A), at 5 Vdc, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 12 Vdc, at 24 inches (61 cm), at 25°C.
Termination:	0.25 (6.3) Wide Quick Connect Blades with 0.25 (6.3) Long 6x32 Stainless Steel Screws
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Part Recognized By:	Underwriters Laboratory
Reverse Voltage Protection:	To the maximum operating voltage.
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy:	10 years under normal operating conditions.
Warranty:	For a period of two years from the date of manufacture under normal operating conditions.

DIMENSIONS

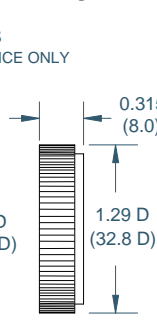
REAR VIEW
STAINLESS STEEL SCREWS,
6 X 32, 0.25" LONG.



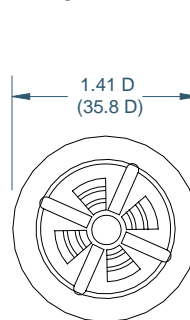
SIDE VIEW



RING

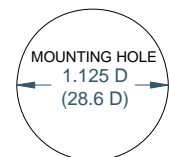


FRONT VIEW



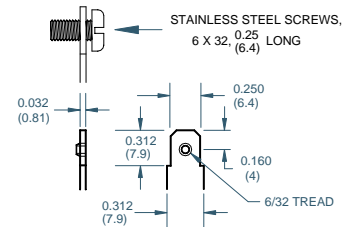
DIMENSIONS ARE IN: INCHES (mm)
TOLERANCES ARE: ±0.03 (±0.76)
UNLESS OTHERWISE SPECIFIED.

PANEL MOUNTING



FITS PANELS UP-TO
0.25 (6.3) THICK

"S" TERMINALS



 **Floyd Bell Inc**
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

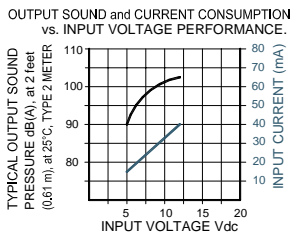
Revision: 2.07

XB-V09-312-S(F)D

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Polarity Protected Circuitry
- Two Tones, One Package

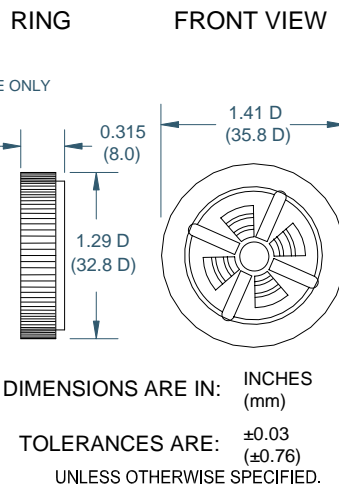
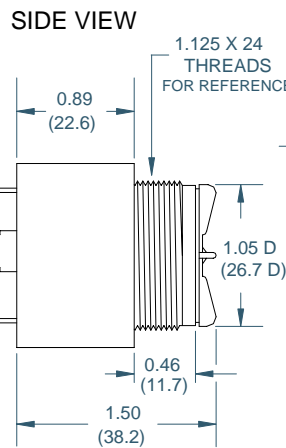
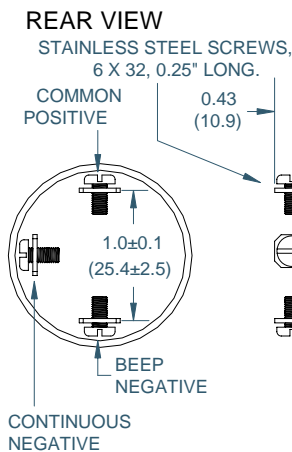


The XB-V09-312-S(F)D is an extra loud output, dual function, panel mounted alarm for operating voltages of 5-12VDC. The alarm functions as a fast beep tone and as a continuous tone. The built-in volume control provides variable attenuation up to 20 dB(A) typically.

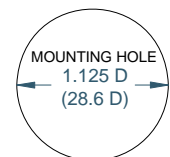
SPECIFICATIONS

Operating Mode:	Extra Loud Dual Function Beep/Continuous Tone
Operating Voltage:	5-12 Vdc
Nominal Operating Voltage:	12 Vdc
Operating Frequency:	2900±250 Hz. 3±25% Pulses per second in Beep Mode
Typical Operating Current:	15 mA at 5 Vdc 40 mA at 12 Vdc
Typical Sound Pressure:	With volume control fully open: 90±5 dB(A), at 5 Vdc, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 12 Vdc, at 24 inches (61 cm), at 25°C.
Termination:	0.25 (6.3) Wide Quick Connect Blades with 0.25 (6.3) Long 6x32 Stainless Steel Screws Pull test with a maximum of 22 pounds (10 kg) load
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Reverse Voltage Protection:	To the maximum operating voltage.
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy:	10 years under normal operating conditions.
Warranty:	For a period of two years from the date of manufacture under normal operating conditions.

DIMENSIONS

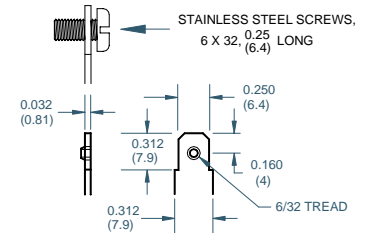


PANEL MOUNTING



FITS PANELS UP-TO 0.25 (6.3) THICK

"S" TERMINALS



Floyd Bell Inc
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

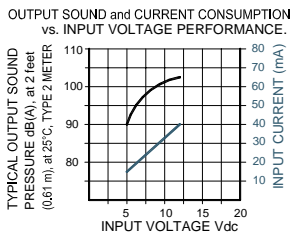
Revision: 2.07

XB-V09-312-S(M)

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology



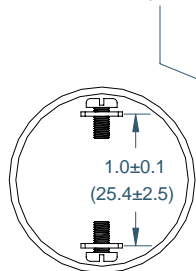
The XB-V09-312-S(M) is an extra loud output, panel mounted alarm for operating voltages of 5-12VDC. The built-in volume control provides variable attenuation up to 20 dB(A) typically. The terminals are standard 0.25" quick-connect blades with screws added for connection to wires with lugs.

SPECIFICATIONS

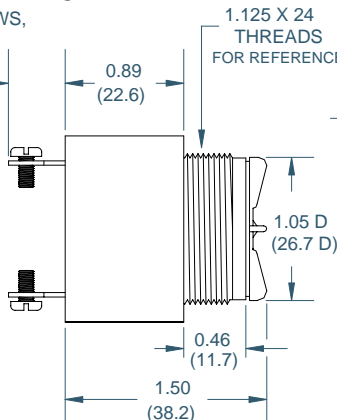
Operating Mode:	Extra Loud Beep Tone
Operating Voltage:	5-12 Vdc
Nominal Operating Voltage:	12 Vdc
Operating Frequency:	2900±250 Hz. 2±25% Pulses per second
Typical Operating Current:	15 mA at 5 Vdc 40 mA at 12 Vdc
Typical Sound Pressure:	With volume control fully open: 90±5 dB(A), at 5 Vdc, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 12 Vdc, at 24 inches (61 cm), at 25°C.
Termination:	0.25 (6.3) Wide Quick Connect Blades with 0.25 (6.3) Long 6x32 Stainless Steel Screws
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Part Recognized By:	Underwriters Laboratory
Reverse Voltage Protection:	To the maximum operating voltage.
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy:	10 years under normal operating conditions.
Warranty:	For a period of two years from the date of manufacture under normal operating conditions.

DIMENSIONS

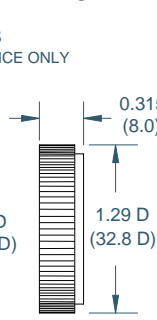
REAR VIEW
STAINLESS STEEL SCREWS,
6 X 32, 0.25" LONG.



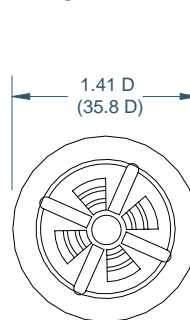
SIDE VIEW



RING

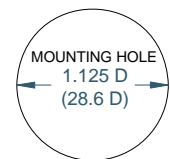


FRONT VIEW



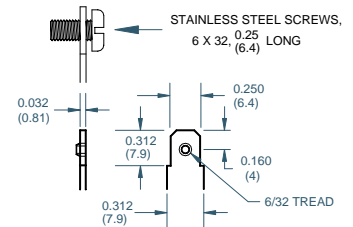
DIMENSIONS ARE IN: INCHES (mm)
TOLERANCES ARE: ±0.03 (±0.76)
UNLESS OTHERWISE SPECIFIED.

PANEL MOUNTING



FITS PANELS UP-TO
0.25 (6.3) THICK

"S" TERMINALS



Floyd Bell Inc
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

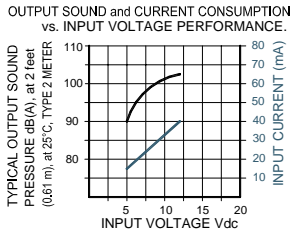
Revision: 2.07

XB-V09-312-S(M)D

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Polarity Protected Circuitry
- Two Tones, One Package



The XB-V09-312-S(M)D is an extra loud output, dual function, panel mounted alarm for operating voltages of 5-12VDC. The alarm functions as a medium beep tone and as a continuous tone. The built-in volume control provides variable attenuation up to 20 dB(A) typically.

SPECIFICATIONS

Operating Mode: Extra Loud Dual Function Beep/Continuous Tone
Operating Voltage: 5-12 Vdc
Nominal Operating Voltage: 12 Vdc
Operating Frequency: 2900±250 Hz.
 2±25% Pulses per second in Beep Mode

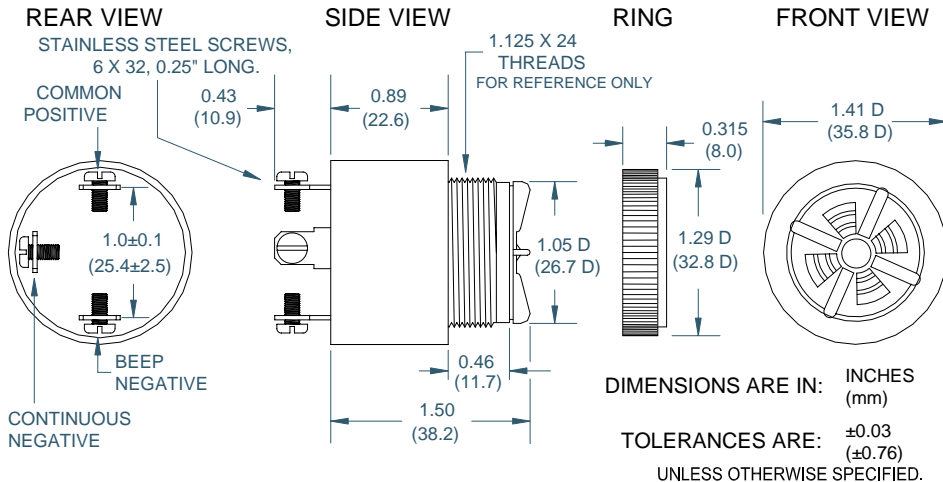
Typical Operating Current: 15 mA at 5 Vdc
 40 mA at 12 Vdc

Typical Sound Pressure: With volume control fully open:
 90±5 dB(A), at 5 Vdc, at 24 inches (61 cm), at 25°C
 103±5 dB(A), at 12 Vdc, at 24 inches (61 cm), at 25°C.

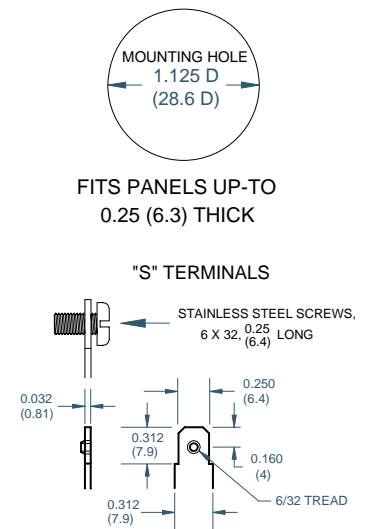
Termination: 0.25 (6.3) Wide Quick Connect Blades with 0.25 (6.3) Long 6x32 Stainless Steel Screws
 Pull test with a maximum of 22 pounds (10 kg) load

Termination Strength: Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature: -20°C to +65°C.
Storage Temperature: -40°C to +85°C.
Surge Voltage: 20% over maximum rated voltage for less than 5 minutes.
Reverse Voltage Protection: To the maximum operating voltage.
Construction Materials: Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black
 Internal Circuit- Audio-oscillator and piezoelectric driver
 Potting- 2 parts epoxy resin or silicone, black
 Diaphragm- Stainless Steel 304
 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
 Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output
 Humidity- 95% relative humidity at +40°C continuously for 100 hours.
 Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
 10 years under normal operating conditions.
Life Expectancy: For a period of two years from the date of manufacture under normal operating conditions.
Warranty:

DIMENSIONS



PANEL MOUNTING



Floyd Bell Inc
 An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
 Tel: 888-FLOYD-BELL • Fax: 614/291-0823
 www.floydbell.com

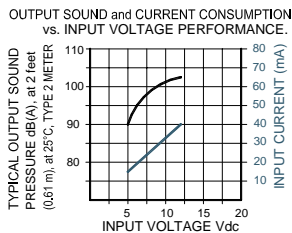
Revision: 2.07

XB-V09-312-S(S)

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology



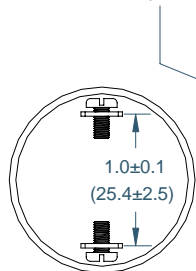
The XB-V09-312-S(S) is an extra loud output, panel mounted alarm for operating voltages of 5-12VDC. The built-in volume control provides variable attenuation up to 20 dB(A) typically. The terminals are standard 0.25" quick-connect blades with screws added for connection to wires with lugs.

SPECIFICATIONS

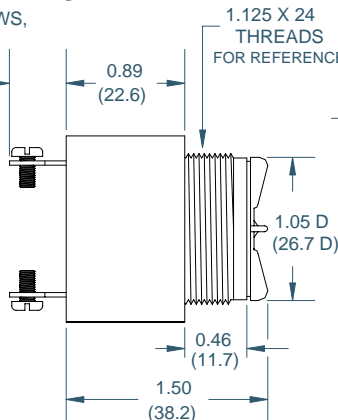
Operating Mode:	Extra Loud Beep Tone
Operating Voltage:	5-12 Vdc
Nominal Operating Voltage:	12 Vdc
Operating Frequency:	2900±250 Hz. 1±25% Pulses per second
Typical Operating Current:	15 mA at 5 Vdc 40 mA at 12 Vdc
Typical Sound Pressure:	With volume control fully open: 90±5 dB(A), at 5 Vdc, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 12 Vdc, at 24 inches (61 cm), at 25°C.
Termination:	0.25 (6.3) Wide Quick Connect Blades with 0.25 (6.3) Long 6x32 Stainless Steel Screws
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Part Recognized By:	Underwriters Laboratory
Reverse Voltage Protection:	To the maximum operating voltage.
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy:	10 years under normal operating conditions.
Warranty:	For a period of two years from the date of manufacture under normal operating conditions.

DIMENSIONS

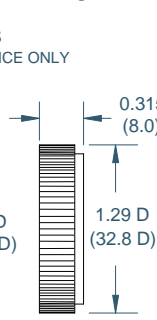
REAR VIEW
STAINLESS STEEL SCREWS,
6 X 32, 0.25" LONG.



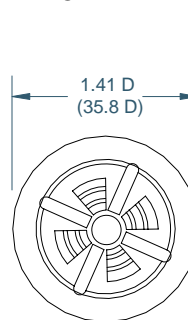
SIDE VIEW



RING

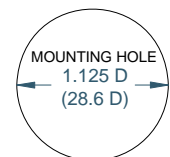


FRONT VIEW



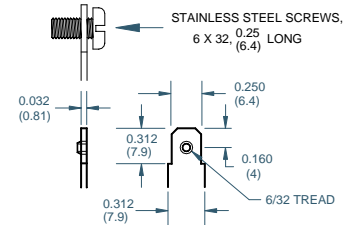
DIMENSIONS ARE IN: INCHES (mm)
TOLERANCES ARE: ±0.03 (±0.76)
UNLESS OTHERWISE SPECIFIED.

PANEL MOUNTING



FITS PANELS UP-TO
0.25 (6.3) THICK

"S" TERMINALS



Floyd Bell Inc
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

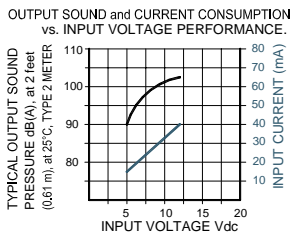
Revision: 2.07

XB-V09-312-S(S)D

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Polarity Protected Circuitry
- Two Tones, One Package

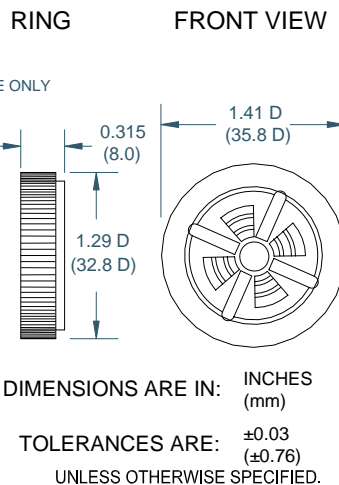
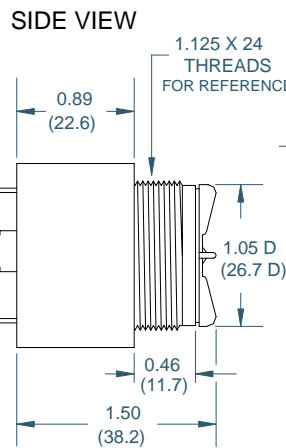
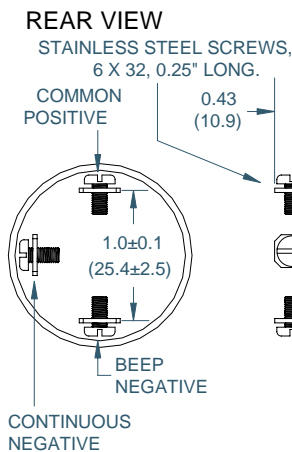


The XB-V09-312-S(S)D is an extra loud output, dual function, panel mounted alarm for operating voltages of 5-12VDC. The alarm functions as a slow beep tone and as a continuous tone. The built-in volume control provides variable attenuation up to 20 dB(A) typically.

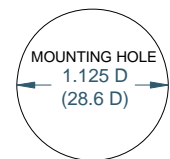
SPECIFICATIONS

Operating Mode: Extra Loud Dual Function Beep/Continuous Tone
Operating Voltage: 5-12 Vdc
Nominal Operating Voltage: 12 Vdc
Operating Frequency: 2900±250 Hz.
 1±25% Pulses per second in Beep Mode
Typical Operating Current: 15 mA at 5 Vdc
 40 mA at 12 Vdc
Typical Sound Pressure: With volume control fully open:
 90±5 dB(A), at 5 Vdc, at 24 inches (61 cm), at 25°C
 103±5 dB(A), at 12 Vdc, at 24 inches (61 cm), at 25°C.
Termination: 0.25 (6.3) Wide Quick Connect Blades with 0.25 (6.3) Long 6x32 Stainless Steel Screws
 Pull test with a maximum of 22 pounds (10 kg) load
Termination Strength: Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature: -20°C to +65°C.
Storage Temperature: -40°C to +85°C.
Surge Voltage: 20% over maximum rated voltage for less than 5 minutes.
Reverse Voltage Protection: To the maximum operating voltage.
Construction Materials: Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black
 Internal Circuit- Audio-oscillator and piezoelectric driver
 Potting- 2 parts epoxy resin or silicone, black
 Diaphragm- Stainless Steel 304
 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
Environmental Durability: Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output
 Humidity- 95% relative humidity at +40°C continuously for 100 hours.
 Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy: 10 years under normal operating conditions.
Warranty: For a period of two years from the date of manufacture under normal operating conditions.

DIMENSIONS

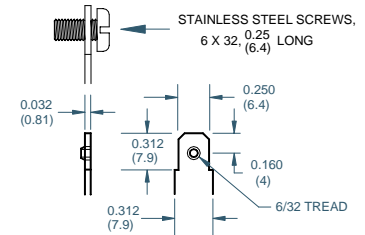


PANEL MOUNTING



FITS PANELS UP-TO
 0.25 (6.3) THICK

"S" TERMINALS



Floyd Bell Inc
 An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
 Tel: 888-FLOYD-BELL • Fax: 614/291-0823
 www.floydbell.com

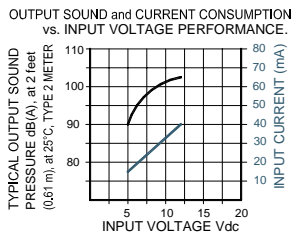
Revision: 2.07

XB-V09-312-S(U)

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology

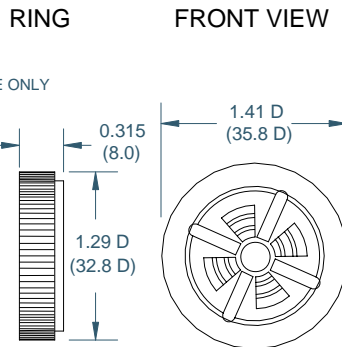
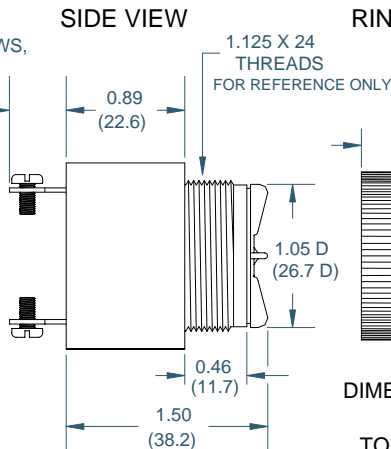
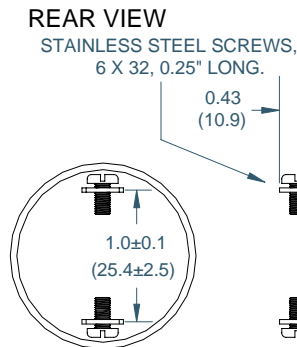


The XB-V09-312-S(U) is an extra loud output, panel mounted alarm for operating voltages of 5-12VDC. The built-in volume control provides variable attenuation up to 20 dB(A) typically. The terminals are standard 0.25" quick-connect blades with screws added for connection to wires with lugs.

SPECIFICATIONS

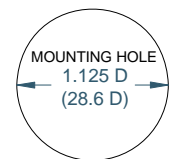
Operating Mode:	Extra Loud Beep Tone
Operating Voltage:	5-12 Vdc
Nominal Operating Voltage:	12 Vdc
Operating Frequency:	2900±250 Hz. 6±25% Pulses per second
Typical Operating Current:	15 mA at 5 Vdc 40 mA at 12 Vdc
Typical Sound Pressure:	With volume control fully open: 90±5 dB(A), at 5 Vdc, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 12 Vdc, at 24 inches (61 cm), at 25°C.
Termination:	0.25 (6.3) Wide Quick Connect Blades with 0.25 (6.3) Long 6x32 Stainless Steel Screws
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Part Recognized By:	Underwriters Laboratory
Reverse Voltage Protection:	To the maximum operating voltage.
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy:	10 years under normal operating conditions.
Warranty:	For a period of two years from the date of manufacture under normal operating conditions.

DIMENSIONS

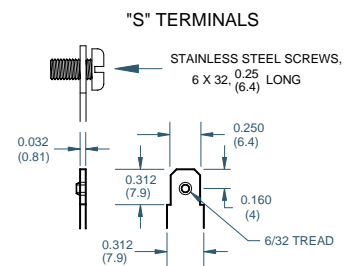


DIMENSIONS ARE IN: INCHES (mm)
TOLERANCES ARE: ±0.03 (±0.76)
UNLESS OTHERWISE SPECIFIED.

PANEL MOUNTING



FITS PANELS UP-TO
0.25 (6.3) THICK



Floyd Bell Inc
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

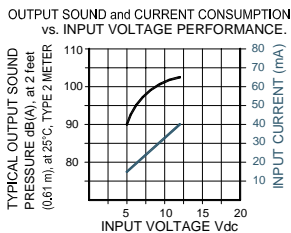
Revision: 2.07

XB-V09-312-S(U)D

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Polarity Protected Circuitry
- Two Tones, One Package

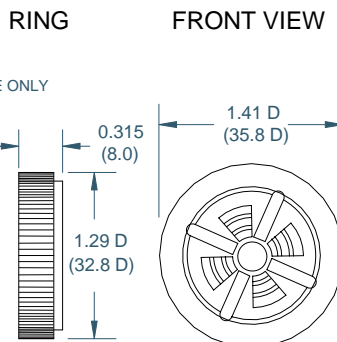
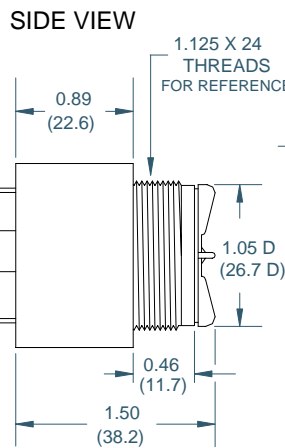
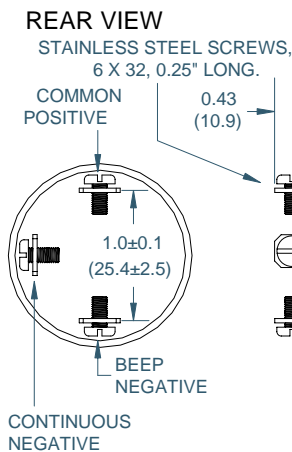


The XB-V09-312-S(U)D is an extra loud output, dual function, panel mounted alarm for operating voltages of 5-12VDC. The alarm functions as an ultra fast beep tone and as a continuous tone. The built-in volume control provides variable attenuation up to 20 dB(A) typically.

SPECIFICATIONS

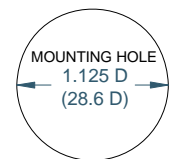
Operating Mode: Extra Loud Dual Function Beep/Continuous Tone
Operating Voltage: 5-12 Vdc
Nominal Operating Voltage: 12 Vdc
Operating Frequency: 2900±250 Hz.
 6±25% Pulses per second in Beep Mode
Typical Operating Current: 15 mA at 5 Vdc
 40 mA at 12 Vdc
Typical Sound Pressure: With volume control fully open:
 90±5 dB(A), at 5 Vdc, at 24 inches (61 cm), at 25°C
 103±5 dB(A), at 12 Vdc, at 24 inches (61 cm), at 25°C.
Termination: 0.25 (6.3) Wide Quick Connect Blades with 0.25 (6.3) Long 6x32 Stainless Steel Screws
 Pull test with a maximum of 22 pounds (10 kg) load
Termination Strength: Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature: -20°C to +65°C.
Storage Temperature: -40°C to +85°C.
Surge Voltage: 20% over maximum rated voltage for less than 5 minutes.
Reverse Voltage Protection: To the maximum operating voltage.
Construction Materials: Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black
 Internal Circuit- Audio-oscillator and piezoelectric driver
 Potting- 2 parts epoxy resin or silicone, black
 Diaphragm- Stainless Steel 304
 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
Environmental Durability: Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output
 Humidity- 95% relative humidity at +40°C continuously for 100 hours.
 Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy: 10 years under normal operating conditions.
Warranty: For a period of two years from the date of manufacture under normal operating conditions.

DIMENSIONS



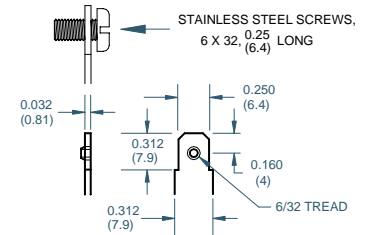
DIMENSIONS ARE IN: INCHES (mm)
 TOLERANCES ARE: ±0.03 (±0.76)
 UNLESS OTHERWISE SPECIFIED.

PANEL MOUNTING



FITS PANELS UP-TO
 0.25 (6.3) THICK

"S" TERMINALS



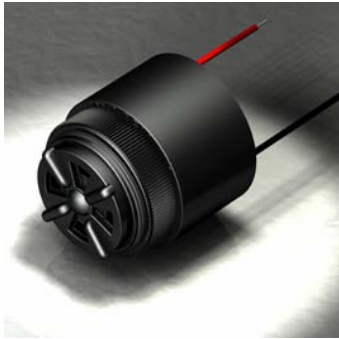
Floyd Bell Inc
 An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
 Tel: 888-FLOYD-BELL • Fax: 614/291-0823
 www.floydbell.com

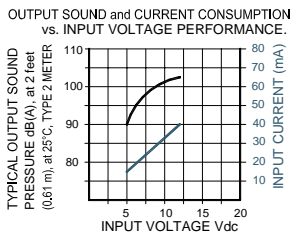
Revision: 2.07

XB-V09-312-W(F)

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology

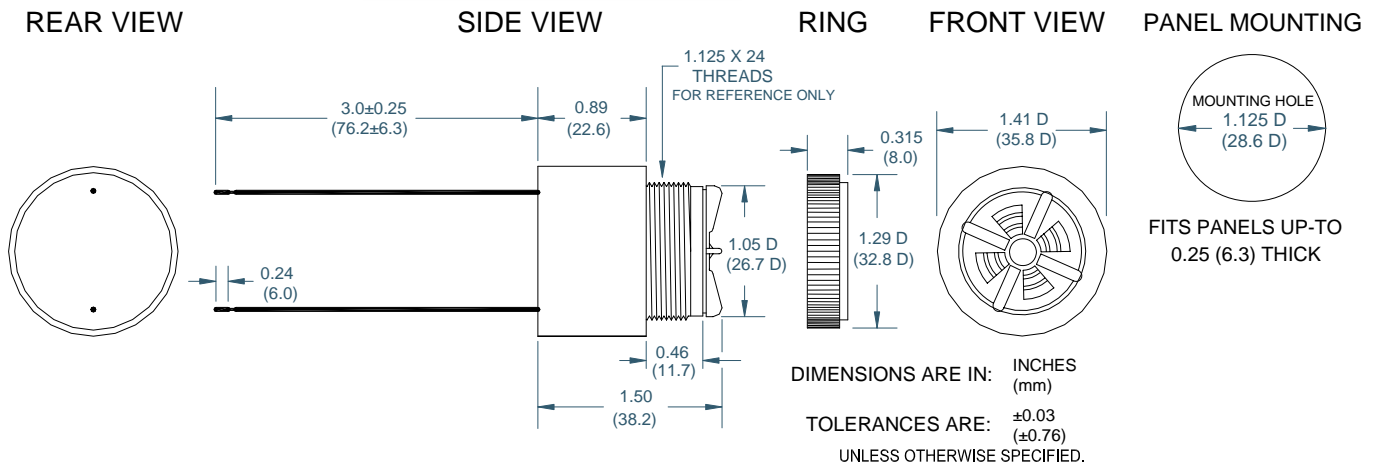


The XB-V09-312-W(F) is an extra loud output, panel mounted alarm for operating voltages of 5-12VDC. The built-in volume control provides variable attenuation up to 20 dB(A) typically. It is terminated with two 24AWG wires, 3" long, stripped 0.25".

SPECIFICATIONS

Operating Mode:	Extra Loud Beep Tone
Operating Voltage:	5-12 Vdc
Nominal Operating Voltage:	12 Vdc
Operating Frequency:	2900±250 Hz. 3±25% Pulses per second
Typical Operating Current:	15 mA at 5 Vdc 40 mA at 12 Vdc
Typical Sound Pressure:	With volume control fully open: 90±5 dB(A), at 5 Vdc, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 12 Vdc, at 24 inches (61 cm), at 25°C.
Termination:	24AWG Wire, Tinned Copper, Vinyl Insulated, Red and Black
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Part Recognized By:	Underwriters Laboratory
Reverse Voltage Protection:	To the maximum operating voltage.
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy:	10 years under normal operating conditions.
Warranty:	For a period of two years from the date of manufacture under normal operating conditions.

DIMENSIONS



 **Floyd Bell Inc**
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

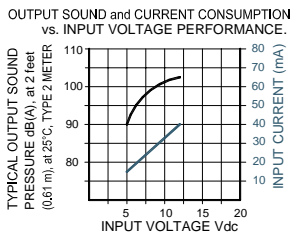
Revision: 2.07

XB-V09-312-W(M)

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology

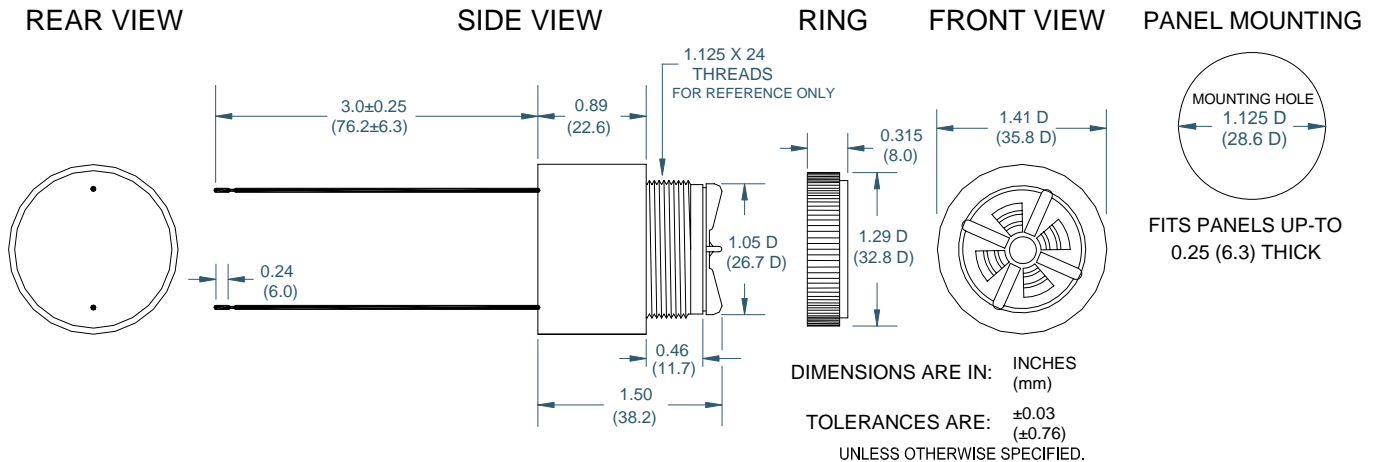


The XB-V09-312-W(M) is an extra loud output, panel mounted alarm for operating voltages of 5-12VDC. The built-in volume control provides variable attenuation up to 20 dB(A) typically. It is terminated with two 24AWG wires, 3" long, stripped 0.25".

SPECIFICATIONS

Operating Mode:	Extra Loud Beep Tone
Operating Voltage:	5-12 Vdc
Nominal Operating Voltage:	12 Vdc
Operating Frequency:	2900±250 Hz. 2±25% Pulses per second
Typical Operating Current:	15 mA at 5 Vdc 40 mA at 12 Vdc
Typical Sound Pressure:	With volume control fully open: 90±5 dB(A), at 5 Vdc, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 12 Vdc, at 24 inches (61 cm), at 25°C.
Termination:	24AWG Wire, Tinned Copper, Vinyl Insulated, Red and Black
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Part Recognized By:	Underwriters Laboratory
Reverse Voltage Protection:	To the maximum operating voltage.
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy:	10 years under normal operating conditions.
Warranty:	For a period of two years from the date of manufacture under normal operating conditions.

DIMENSIONS



 **Floyd Bell Inc**
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

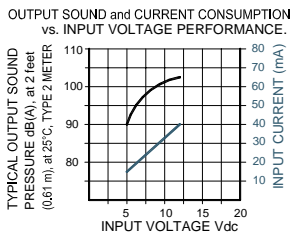
Revision: 2.07

XB-V09-312-W(S)

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology

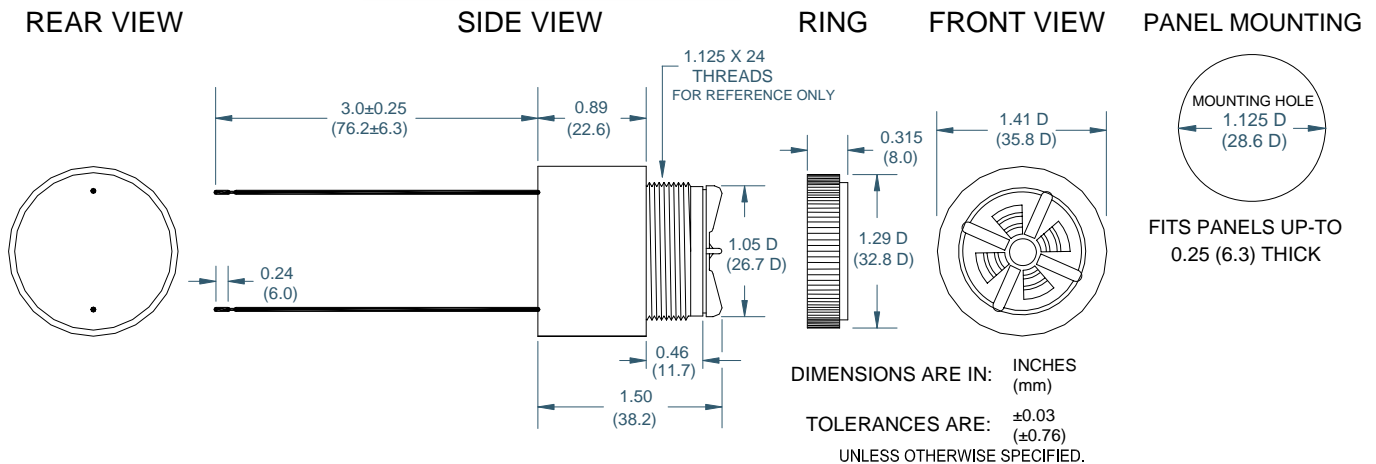


The XB-V09-312-W(S) is an extra loud output, panel mounted alarm for operating voltages of 5-12VDC. The built-in volume control provides variable attenuation up to 20 dB(A) typically. It is terminated with two 24AWG wires, 3" long, stripped 0.25".

SPECIFICATIONS

Operating Mode:	Extra Loud Beep Tone
Operating Voltage:	5-12 Vdc
Nominal Operating Voltage:	12 Vdc
Operating Frequency:	2900±250 Hz. 1±25% Pulses per second
Typical Operating Current:	15 mA at 5 Vdc 40 mA at 12 Vdc
Typical Sound Pressure:	With volume control fully open: 90±5 dB(A), at 5 Vdc, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 12 Vdc, at 24 inches (61 cm), at 25°C.
Termination:	24AWG Wire, Tinned Copper, Vinyl Insulated, Red and Black
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Part Recognized By:	Underwriters Laboratory
Reverse Voltage Protection:	To the maximum operating voltage.
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy:	10 years under normal operating conditions.
Warranty:	For a period of two years from the date of manufacture under normal operating conditions.

DIMENSIONS



 **Floyd Bell Inc**
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

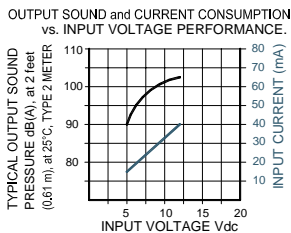
Revision: 2.07

XB-V09-312-W(U)

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology

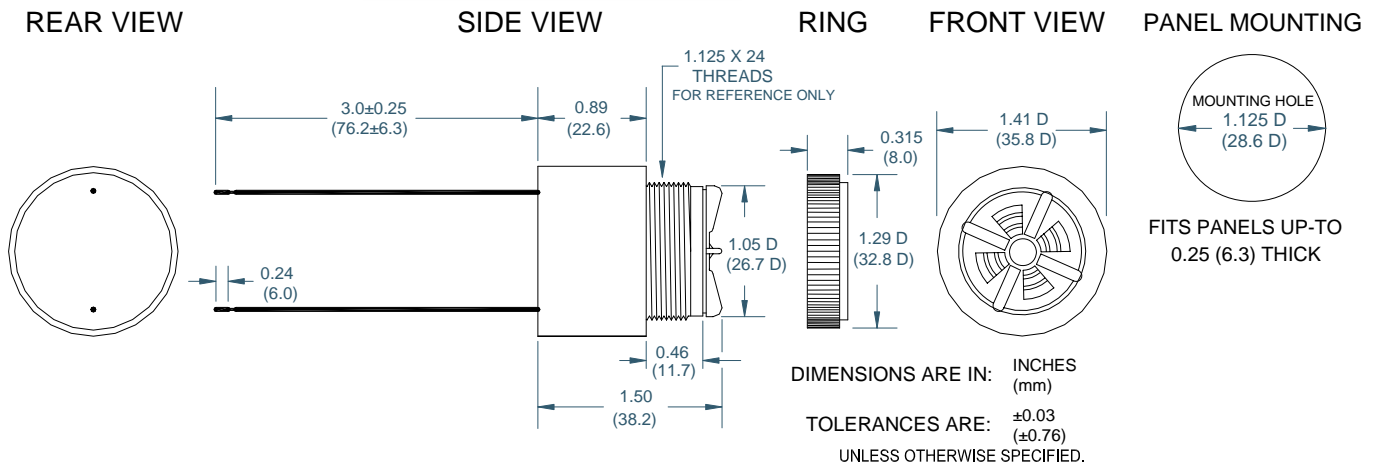


The XB-V09-312-W(U) is an extra loud output, panel mounted alarm for operating voltages of 5-12VDC. The built-in volume control provides variable attenuation up to 20 dB(A) typically. It is terminated with two 24AWG wires, 3" long, stripped 0.25".

SPECIFICATIONS

Operating Mode:	Extra Loud Beep Tone
Operating Voltage:	5-12 Vdc
Nominal Operating Voltage:	12 Vdc
Operating Frequency:	2900±250 Hz. 6±25% Pulses per second
Typical Operating Current:	15 mA at 5 Vdc 40 mA at 12 Vdc
Typical Sound Pressure:	With volume control fully open: 90±5 dB(A), at 5 Vdc, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 12 Vdc, at 24 inches (61 cm), at 25°C.
Termination:	24AWG Wire, Tinned Copper, Vinyl Insulated, Red and Black
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Part Recognized By:	Underwriters Laboratory
Reverse Voltage Protection:	To the maximum operating voltage.
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy:	10 years under normal operating conditions.
Warranty:	For a period of two years from the date of manufacture under normal operating conditions.

DIMENSIONS



 **Floyd Bell Inc**
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

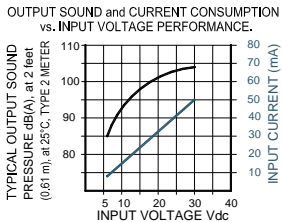
Revision: 2.07

XB-V09-630-Q(F)

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology



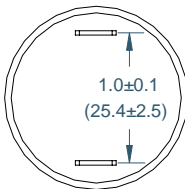
The XB-V09-630-Q(F) is an extra loud output, beep tone, panel mounted alarm for operating voltages of 6-30VDC. The built-in volume control provides variable attenuation up to 20 dB(A) typically. The terminals are standard 0.25" quick-connect blades.

SPECIFICATIONS

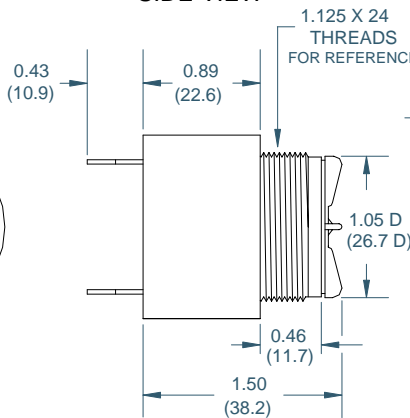
Operating Mode:	Extra Loud Beep Tone
Operating Voltage:	6-30 Vdc
Nominal Operating Voltage:	30 Vdc
Operating Frequency:	2900±250 Hz. 3±25% Pulses per second
Typical Operating Current:	10 mA at 6 Vdc 50 mA at 30 Vdc
Typical Sound Pressure:	With volume control fully open: 85±5 dB(A), at 6 Vdc, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 30 Vdc, at 24 inches (61 cm), at 25°C.
Termination:	Quick Connect Blades, 0.25 (6.3) Width, 0.032 (0.8) Thickness Pull test with a maximum of 22 pounds (10 kg) load
Termination Strength:	-20°C to +65°C.
Operating Temperature:	-40°C to +85°C.
Storage Temperature:	
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Reverse Voltage Protection:	To the maximum operating voltage.
Part Recognized By:	Underwriters Laboratory
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy:	10 years under normal operating conditions.
Warranty:	For a period of two years from the date of manufacture under normal operating conditions.

DIMENSIONS

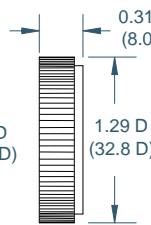
REAR VIEW



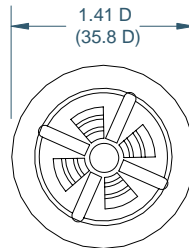
SIDE VIEW



RING

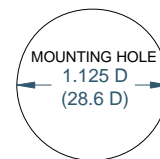


FRONT VIEW



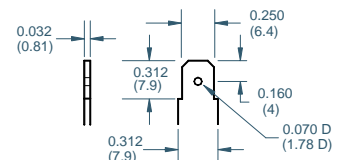
DIMENSIONS ARE IN: INCHES (mm)
TOLERANCES ARE: ±0.03 (±0.76)
UNLESS OTHERWISE SPECIFIED.

PANEL MOUNTING



FITS PANELS UP-TO 0.25 (6.3) THICK

"Q" TERMINALS



Floyd Bell Inc
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

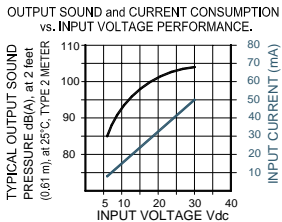
Revision: 2.07

XB-V09-630-Q(F)D

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Polarity Protected Circuitry
- Two Tones, One Package

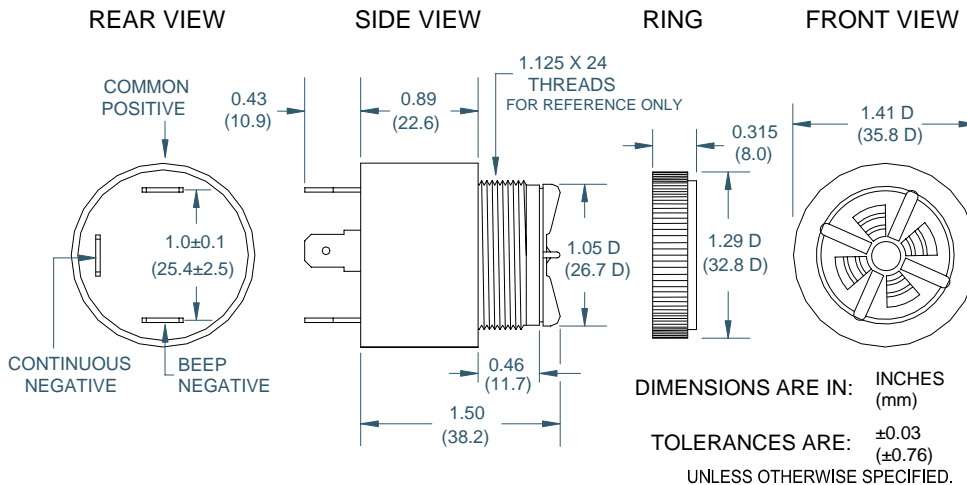


The XB-V09-630-Q(F)D is an extra loud output, dual function, panel mounted alarm for operating voltages of 6-30VDC. The alarm functions as a fast beep tone and as a continuous tone. The built-in volume control provides variable attenuation up to 20 dB(A) typically.

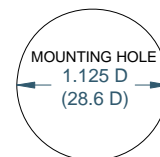
SPECIFICATIONS

Operating Mode:	Extra Loud Dual Function Beep/Continuous Tone
Operating Voltage:	6-30 Vdc
Nominal Operating Voltage:	30 Vdc
Operating Frequency:	2900±250 Hz. 3±25% Pulses per second in Beep Mode
Typical Operating Current:	10 mA at 6 Vdc 50 mA at 30 Vdc
Typical Sound Pressure:	With volume control fully open: 85±5 dB(A), at 6 Vdc, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 30 Vdc, at 24 inches (61 cm), at 25°C.
Termination:	Quick Connect Blades, 0.25 (6.3) Width, 0.032 (0.8) Thickness
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Reverse Voltage Protection:	To the maximum operating voltage.
Part Recognized By:	Underwriters Laboratory
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy:	10 years under normal operating conditions.
Warranty:	For a period of two years from the date of manufacture under normal operating conditions.

DIMENSIONS

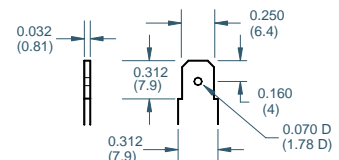


PANEL MOUNTING



FITS PANELS UP-TO 0.25 (6.3) THICK

"Q" TERMINALS



Floyd Bell Inc
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

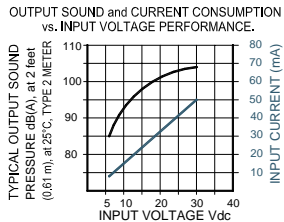
Revision: 2.07

XB-V09-630-Q(M)

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology



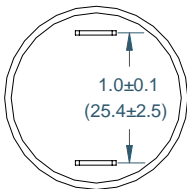
The XB-V09-630-Q(M) is an extra loud output, beep tone, panel mounted alarm for operating voltages of 6-30Vdc. The built-in volume control provides variable attenuation up to 20 dB(A) typically. The terminals are standard 0.25" quick-connect blades.

SPECIFICATIONS

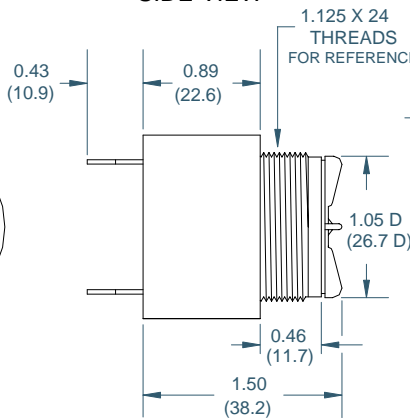
Operating Mode:	Extra Loud Beep Tone
Operating Voltage:	6-30 Vdc
Nominal Operating Voltage:	30 Vdc
Operating Frequency:	2900±250 Hz. 2±25% Pulses per second
Typical Operating Current:	10 mA at 6 Vdc 50 mA at 30 Vdc
Typical Sound Pressure:	With volume control fully open: 85±5 dB(A), at 6 Vdc, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 30 Vdc, at 24 inches (61 cm), at 25°C.
Termination:	Quick Connect Blades, 0.25 (6.3) Width, 0.032 (0.8) Thickness
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Reverse Voltage Protection:	To the maximum operating voltage.
Part Recognized By:	Underwriters Laboratory
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy:	10 years under normal operating conditions.
Warranty:	For a period of two years from the date of manufacture under normal operating conditions.

DIMENSIONS

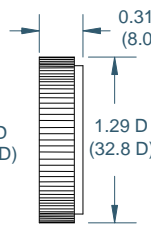
REAR VIEW



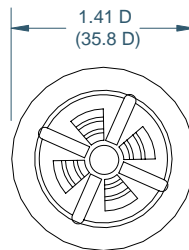
SIDE VIEW



RING

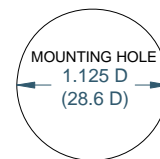


FRONT VIEW



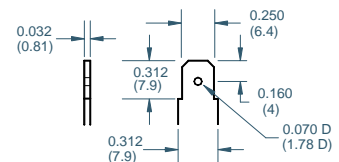
DIMENSIONS ARE IN: INCHES (mm)
TOLERANCES ARE: ±0.03 (±0.76)
UNLESS OTHERWISE SPECIFIED.

PANEL MOUNTING



FITS PANELS UP-TO 0.25 (6.3) THICK

"Q" TERMINALS



Floyd Bell Inc
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

Revision: 2.07

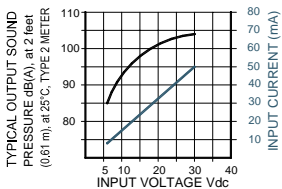
XB-V09-630-Q(M)D

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Polarity Protected Circuitry
- Two Tones, One Package

OUTPUT SOUND and CURRENT CONSUMPTION vs. INPUT VOLTAGE PERFORMANCE.

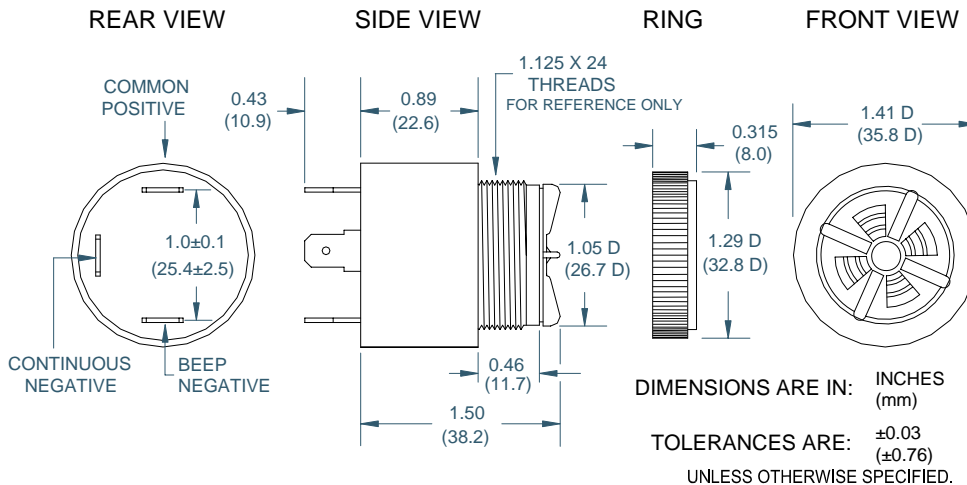


The XB-V09-630-Q(M)D is an extra loud output, dual function, panel mounted alarm for operating voltages of 6-30VDC. The alarm functions as a medium beep tone and as a continuous tone. The built-in volume control provides variable attenuation up to 20 dB(A) typically.

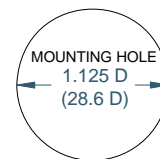
SPECIFICATIONS

Operating Mode:	Extra Loud Dual Function Beep/Continuous Tone
Operating Voltage:	6-30 Vdc
Nominal Operating Voltage:	30 Vdc
Operating Frequency:	2900±250 Hz. 2±25% Pulses per second in Beep Mode
Typical Operating Current:	10 mA at 6 Vdc 50 mA at 30 Vdc
Typical Sound Pressure:	With volume control fully open: 85±5 dB(A), at 6 Vdc, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 30 Vdc, at 24 inches (61 cm), at 25°C.
Termination:	Quick Connect Blades, 0.25 (6.3) Width, 0.032 (0.8) Thickness
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Reverse Voltage Protection:	To the maximum operating voltage.
Part Recognized By:	Underwriters Laboratory
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy:	10 years under normal operating conditions.
Warranty:	For a period of two years from the date of manufacture under normal operating conditions.

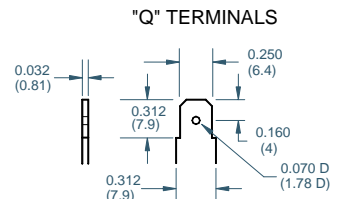
DIMENSIONS



PANEL MOUNTING



FITS PANELS UP-TO
0.25 (6.3) THICK



 **Floyd Bell Inc**
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

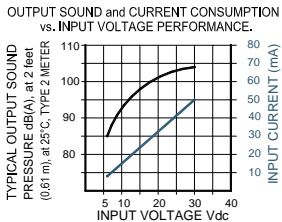
Revision: 2.07

XB-V09-630-Q(S)

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology



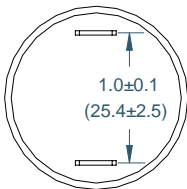
The XB-V09-630-Q(S) is an extra loud output, beep tone, panel mounted alarm for operating voltages of 6-30VDC. The built-in volume control provides variable attenuation up to 20 dB(A) typically. The terminals are standard 0.25" quick-connect blades.

SPECIFICATIONS

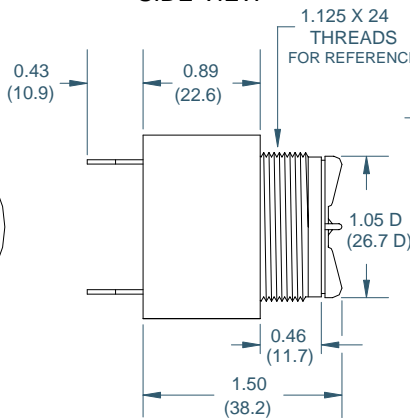
Operating Mode: Extra Loud Beep Tone
Operating Voltage: 6-30 Vdc
Nominal Operating Voltage: 30 Vdc
Operating Frequency: 2900±250 Hz.
 1±25% Pulses per second
Typical Operating Current: 10 mA at 6 Vdc
 50 mA at 30 Vdc
Typical Sound Pressure: With volume control fully open:
 85±5 dB(A), at 6 Vdc, at 24 inches (61 cm), at 25°C
 103±5 dB(A), at 30 Vdc, at 24 inches (61 cm), at 25°C.
Termination: Quick Connect Blades, 0.25 (6.3) Width, 0.032 (0.8) Thickness
Termination Strength: Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature: -20°C to +65°C.
Storage Temperature: -40°C to +85°C.
Surge Voltage: 20% over maximum rated voltage for less than 5 minutes.
Reverse Voltage Protection: To the maximum operating voltage.
Part Recognized By: Underwriters Laboratory
Construction Materials: Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black
 Internal Circuit- Audio-oscillator and piezoelectric driver
 Potting- 2 parts epoxy resin or silicone, black
 Diaphragm- Stainless Steel 304
 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
Environmental Durability: Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output
 Humidity- 95% relative humidity at +40°C continuously for 100 hours.
 Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy: 10 years under normal operating conditions.
Warranty: For a period of two years from the date of manufacture under normal operating conditions.

DIMENSIONS

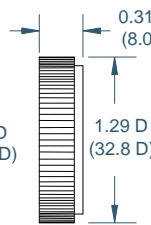
REAR VIEW



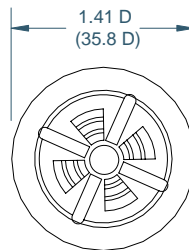
SIDE VIEW



RING

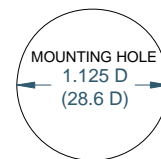


FRONT VIEW



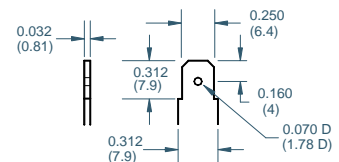
DIMENSIONS ARE IN: INCHES (mm)
 TOLERANCES ARE: ±0.03 (±0.76)
 UNLESS OTHERWISE SPECIFIED.

PANEL MOUNTING



FITS PANELS UP-TO 0.25 (6.3) THICK

"Q" TERMINALS



Floyd Bell Inc
 An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
 Tel: 888-FLOYD-BELL • Fax: 614/291-0823
 www.floydbell.com

Revision: 2.07

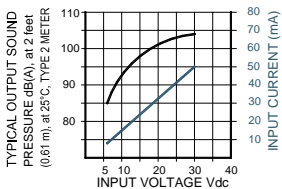
XB-V09-630-Q(S)D

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Polarity Protected Circuitry
- Two Tones, One Package

OUTPUT SOUND and CURRENT CONSUMPTION vs. INPUT VOLTAGE PERFORMANCE.

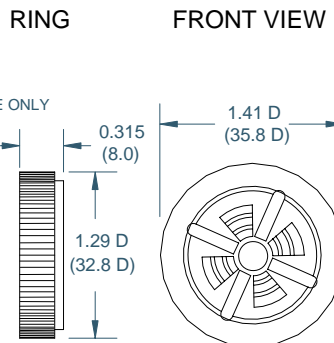
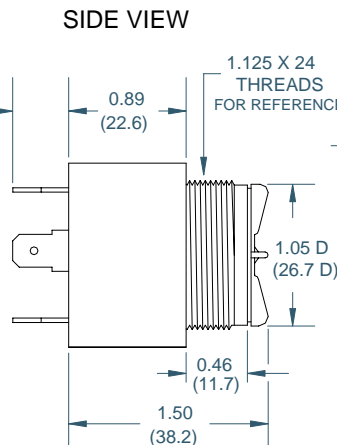
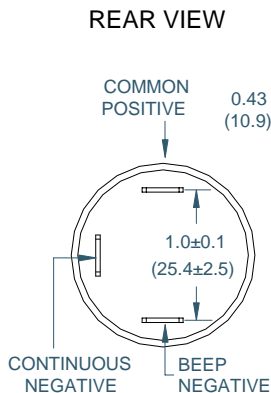


The XB-V09-630-Q(S)D is an extra loud output, dual function, panel mounted alarm for operating voltages of 6-30VDC. The alarm functions as a slow beep tone and as a continuous tone. The built-in volume control provides variable attenuation up to 20 dB(A) typically.

SPECIFICATIONS

Operating Mode:	Extra Loud Dual Function Beep/Continuous Tone
Operating Voltage:	6-30 Vdc
Nominal Operating Voltage:	30 Vdc
Operating Frequency:	2900±250 Hz. 1±25% Pulses per second in Beep Mode
Typical Operating Current:	10 mA at 6 Vdc 50 mA at 30 Vdc
Typical Sound Pressure:	With volume control fully open: 85±5 dB(A), at 6 Vdc, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 30 Vdc, at 24 inches (61 cm), at 25°C.
Termination:	Quick Connect Blades, 0.25 (6.3) Width, 0.032 (0.8) Thickness
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Reverse Voltage Protection:	To the maximum operating voltage.
Part Recognized By:	Underwriters Laboratory
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy:	10 years under normal operating conditions.
Warranty:	For a period of two years from the date of manufacture under normal operating conditions.

DIMENSIONS

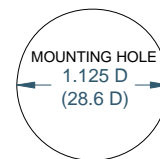


DIMENSIONS ARE IN: INCHES (mm)

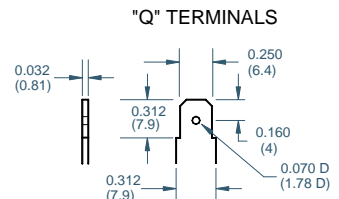
TOLERANCES ARE: ±0.03 (±0.76)

UNLESS OTHERWISE SPECIFIED.

PANEL MOUNTING



FITS PANELS UP-TO 0.25 (6.3) THICK



 **Floyd Bell Inc**
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

Revision: 2.07

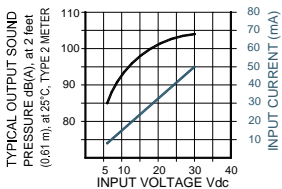
XB-V09-630-Q(U)

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology

OUTPUT SOUND and CURRENT CONSUMPTION vs. INPUT VOLTAGE PERFORMANCE.



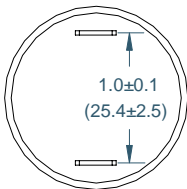
The XB-V09-630-Q(U) is an extra loud output, beep tone, panel mounted alarm for operating voltages of 6-30VDC. The built-in volume control provides variable attenuation up to 20 dB(A) typically. The terminals are standard 0.25" quick-connect blades.

SPECIFICATIONS

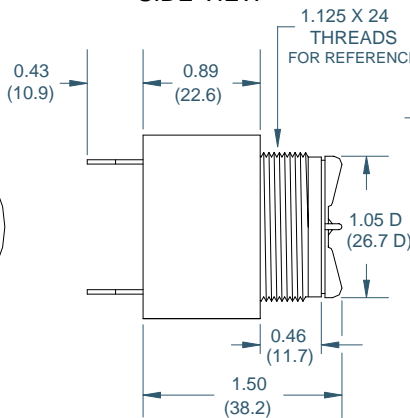
Operating Mode: Extra Loud Beep Tone
Operating Voltage: 6-30 Vdc
Nominal Operating Voltage: 30 Vdc
Operating Frequency: 2900±250 Hz.
 6±25% Pulses per second
Typical Operating Current: 10 mA at 6 Vdc
 50 mA at 30 Vdc
Typical Sound Pressure: With volume control fully open:
 85±5 dB(A), at 6 Vdc, at 24 inches (61 cm), at 25°C
 103±5 dB(A), at 30 Vdc, at 24 inches (61 cm), at 25°C.
Termination: Quick Connect Blades, 0.25 (6.3) Width, 0.032 (0.8) Thickness
Termination Strength: Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature: -20°C to +65°C.
Storage Temperature: -40°C to +85°C.
Surge Voltage: 20% over maximum rated voltage for less than 5 minutes.
Reverse Voltage Protection: To the maximum operating voltage.
Part Recognized By: Underwriters Laboratory
Construction Materials: Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black
 Internal Circuit- Audio-oscillator and piezoelectric driver
 Potting- 2 parts epoxy resin or silicone, black
 Diaphragm- Stainless Steel 304
 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
Environmental Durability: Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output
 Humidity- 95% relative humidity at +40°C continuously for 100 hours.
 Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy: 10 years under normal operating conditions.
Warranty: For a period of two years from the date of manufacture under normal operating conditions.

DIMENSIONS

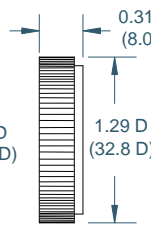
REAR VIEW



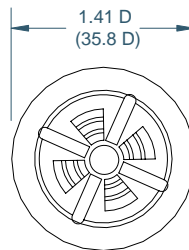
SIDE VIEW



RING

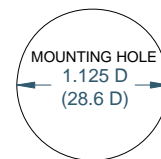


FRONT VIEW



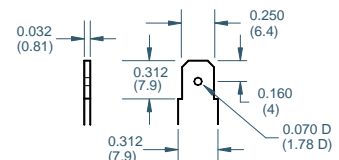
DIMENSIONS ARE IN: INCHES (mm)
 TOLERANCES ARE: ±0.03 (±0.76)
 UNLESS OTHERWISE SPECIFIED.

PANEL MOUNTING



FITS PANELS UP-TO 0.25 (6.3) THICK

"Q" TERMINALS



Floyd Bell Inc
 An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
 Tel: 888-FLOYD-BELL • Fax: 614/291-0823
 www.floydbell.com

Revision: 2.07

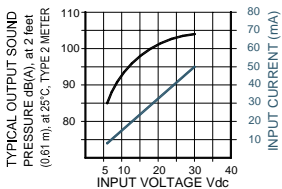
XB-V09-630-Q(U)D

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Polarity Protected Circuitry
- Two Tones, One Package

OUTPUT SOUND and CURRENT CONSUMPTION vs. INPUT VOLTAGE PERFORMANCE.

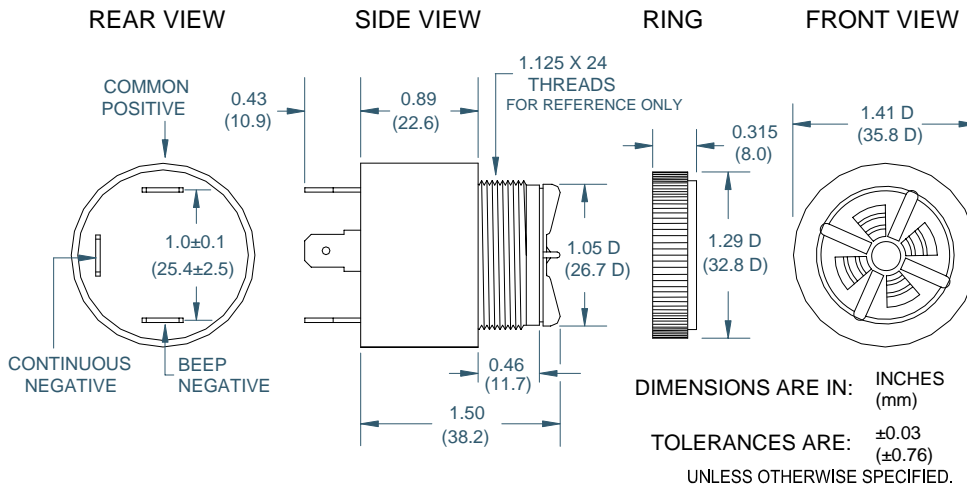


The XB-V09-630-Q(U)D is an extra loud output, dual function, panel mounted alarm for operating voltages of 6-30VDC. The alarm functions as an ultra fast beep tone and as a continuous tone. The built-in volume control provides variable attenuation up to 20 dB(A) typically.

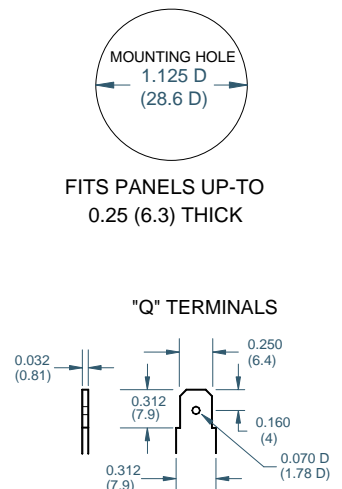
SPECIFICATIONS

Operating Mode:	Extra Loud Dual Function Beep/Continuous Tone
Operating Voltage:	6-30 Vdc
Nominal Operating Voltage:	30 Vdc
Operating Frequency:	2900±250 Hz. 6±25% Pulses per second in Beep Mode
Typical Operating Current:	10 mA at 6 Vdc 50 mA at 30 Vdc
Typical Sound Pressure:	With volume control fully open: 85±5 dB(A), at 6 Vdc, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 30 Vdc, at 24 inches (61 cm), at 25°C.
Termination:	Quick Connect Blades, 0.25 (6.3) Width, 0.032 (0.8) Thickness
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Reverse Voltage Protection:	To the maximum operating voltage.
Part Recognized By:	Underwriters Laboratory
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy:	10 years under normal operating conditions.
Warranty:	For a period of two years from the date of manufacture under normal operating conditions.

DIMENSIONS



PANEL MOUNTING



 **Floyd Bell Inc**
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

Revision: 2.07

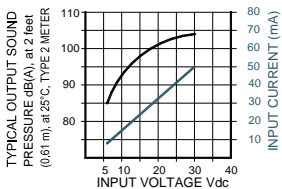
XB-V09-630-S(F)

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology

OUTPUT SOUND and CURRENT CONSUMPTION vs. INPUT VOLTAGE PERFORMANCE.

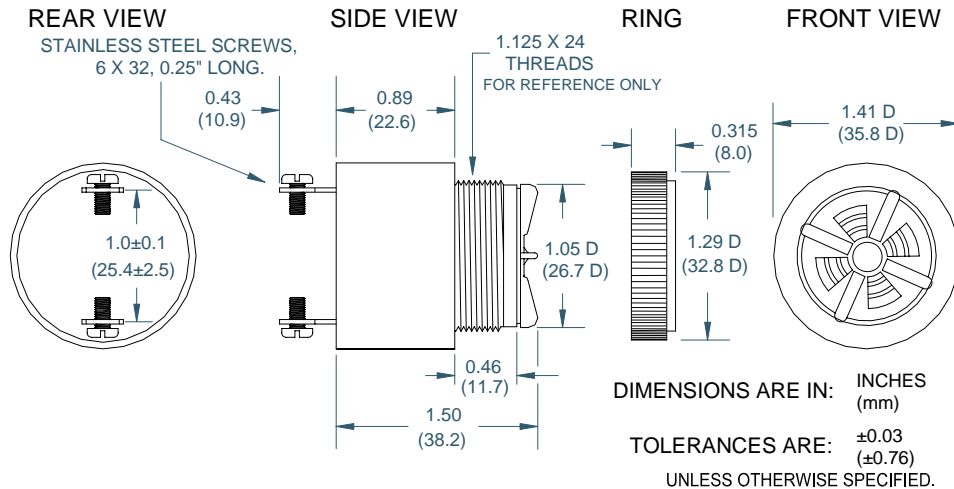


The XB-V09-630-S(F) is an extra loud output, beep tone, panel mounted alarm for operating voltages of 6-30VDC. The built-in volume control provides variable attenuation up to 20 dB(A) typically. The terminals are standard 0.25" quick-connect blades with screws added for connection to wires with lugs.

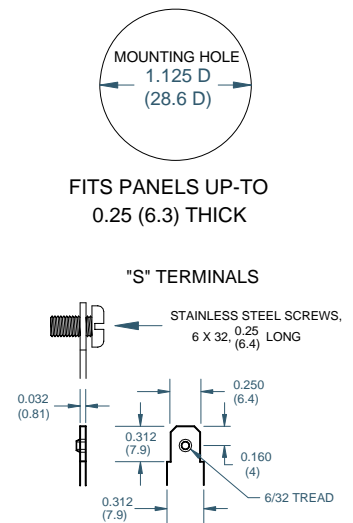
SPECIFICATIONS

Operating Mode: Extra Loud Beep Tone
Operating Voltage: 6-30 Vdc
Nominal Operating Voltage: 30 Vdc
Operating Frequency: 2900±250 Hz.
 3±25% Pulses per second
Typical Operating Current: 10 mA at 6 Vdc
 50 mA at 30 Vdc
Typical Sound Pressure: With volume control fully open:
 85±5 dB(A), at 6 Vdc, at 24 inches (61 cm), at 25°C
 103±5 dB(A), at 30 Vdc, at 24 inches (61 cm), at 25°C.
Termination: 0.25 (6.3) Wide Quick Connect Blades with 0.25 (6.3) Long 6x32 Stainless Steel Screws
Termination Strength: Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature: -20°C to +65°C.
Storage Temperature: -40°C to +85°C.
Surge Voltage: 20% over maximum rated voltage for less than 5 minutes.
Reverse Voltage Protection: To the maximum operating voltage.
Part Recognized By: Underwriters Laboratory
Construction Materials: Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Environmental Durability: 10 years under normal operating conditions.
Life Expectancy: For a period of two years from the date of manufacture under normal operating conditions.
Warranty:

DIMENSIONS



PANEL MOUNTING



Floyd Bell Inc
 An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
 Tel: 888-FLOYD-BELL • Fax: 614/291-0823
 www.floydbell.com

Revision: 2.07

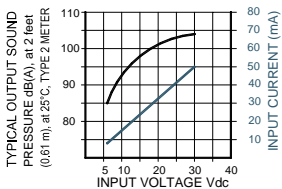
XB-V09-630-S(F)D

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Polarity Protected Circuitry
- Two Tones, One Package

OUTPUT SOUND and CURRENT CONSUMPTION vs. INPUT VOLTAGE PERFORMANCE.



The XB-V09-630-S(F)D is an extra loud output, dual function, panel mounted alarm for operating voltages of 6-30VDC. The alarm functions as a fast beep tone and as a continuous tone. The built-in volume control provides variable attenuation up to 20 dB(A) typically.

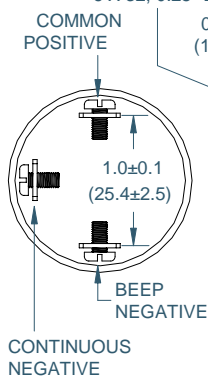
SPECIFICATIONS

Operating Mode: Extra Loud Dual Function Beep/Continuous Tone
Operating Voltage: 6-30 Vdc
Nominal Operating Voltage: 30 Vdc
Operating Frequency: 2900±250 Hz.
 3±25% Pulses per second in Beep Mode
Typical Operating Current: 10 mA at 6 Vdc
 50 mA at 30 Vdc
Typical Sound Pressure: With volume control fully open:
 85±5 dB(A), at 6 Vdc, at 24 inches (61 cm), at 25°C
 103±5 dB(A), at 30 Vdc, at 24 inches (61 cm), at 25°C.
Termination: 0.25 (6.3) Wide Quick Connect Blades with 0.25 (6.3) Long 6x32 Stainless Steel Screws
Termination Strength: Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature: -20°C to +65°C.
Storage Temperature: -40°C to +85°C.
Surge Voltage: 20% over maximum rated voltage for less than 5 minutes.
Reverse Voltage Protection: To the maximum operating voltage.
Part Recognized By: Underwriters Laboratory
Construction Materials: Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver
 Potting- 2 parts epoxy resin or silicone, black
 Diaphragm- Stainless Steel 304
 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
 Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output
 Humidity- 95% relative humidity at +40°C continuously for 100 hours.
 Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy: 10 years under normal operating conditions.
Warranty: For a period of two years from the date of manufacture under normal operating conditions.

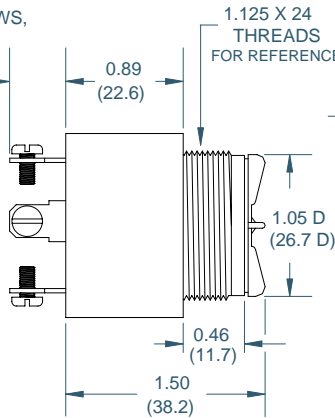
DIMENSIONS

REAR VIEW

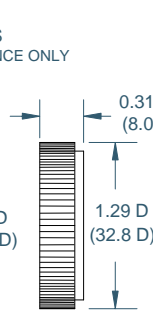
STAINLESS STEEL SCREWS,
6 X 32, 0.25" LONG.



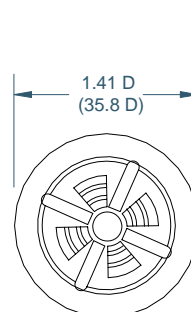
SIDE VIEW



RING

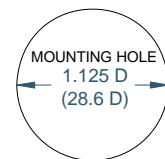


FRONT VIEW



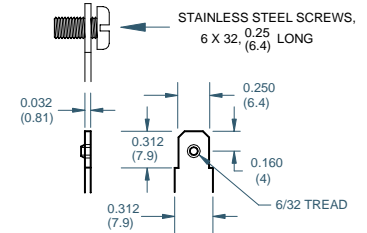
DIMENSIONS ARE IN: INCHES (mm)
 TOLERANCES ARE: ±0.03 (±0.76)
 UNLESS OTHERWISE SPECIFIED.

PANEL MOUNTING



FITS PANELS UP-TO
0.25 (6.3) THICK

"S" TERMINALS



 **Floyd Bell Inc**
 An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
 Tel: 888-FLOYD-BELL • Fax: 614/291-0823
 www.floydbell.com

Revision: 2.07

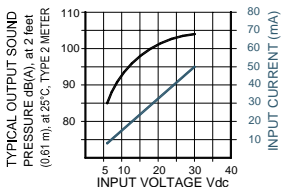
XB-V09-630-S(M)

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology

OUTPUT SOUND and CURRENT CONSUMPTION vs. INPUT VOLTAGE PERFORMANCE.



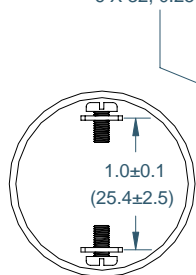
The XB-V09-630-S(M) is an extra loud output, beep tone, panel mounted alarm for operating voltages of 6-30VDC. The built-in volume control provides variable attenuation up to 20 dB(A) typically. The terminals are standard 0.25" quick-connect blades with screws added for connection to wires with lugs.

SPECIFICATIONS

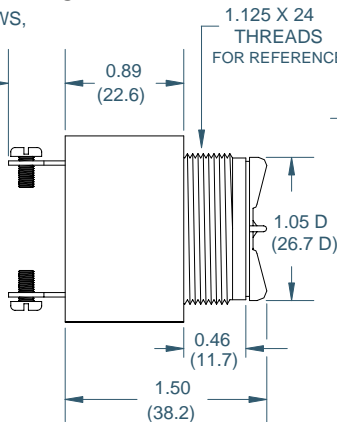
Operating Mode: Extra Loud Beep Tone
Operating Voltage: 6-30 Vdc
Nominal Operating Voltage: 30 Vdc
Operating Frequency: 2900±250 Hz.
 2±25% Pulses per second
Typical Operating Current: 10 mA at 6 Vdc
 50 mA at 30 Vdc
Typical Sound Pressure: With volume control fully open:
 85±5 dB(A), at 6 Vdc, at 24 inches (61 cm), at 25°C
 103±5 dB(A), at 30 Vdc, at 24 inches (61 cm), at 25°C.
Termination: 0.25 (6.3) Wide Quick Connect Blades with 0.25 (6.3) Long 6x32 Stainless Steel Screws
Termination Strength: Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature: -20°C to +65°C.
Storage Temperature: -40°C to +85°C.
Surge Voltage: 20% over maximum rated voltage for less than 5 minutes.
Reverse Voltage Protection: To the maximum operating voltage.
Part Recognized By: Underwriters Laboratory
Construction Materials: Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Environmental Durability: 10 years under normal operating conditions.
Life Expectancy: For a period of two years from the date of manufacture under normal operating conditions.
Warranty:

DIMENSIONS

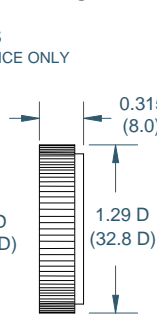
REAR VIEW
STAINLESS STEEL SCREWS,
6 X 32, 0.25" LONG.



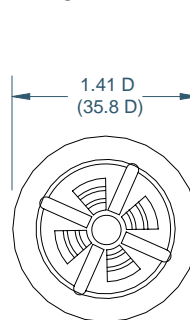
SIDE VIEW



RING

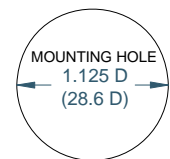


FRONT VIEW



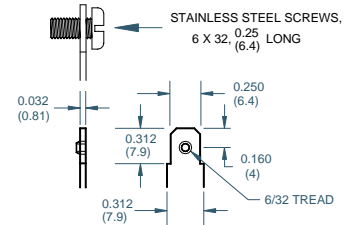
DIMENSIONS ARE IN: INCHES (mm)
 TOLERANCES ARE: ±0.03 (±0.76)
 UNLESS OTHERWISE SPECIFIED.

PANEL MOUNTING



FITS PANELS UP-TO
0.25 (6.3) THICK

"S" TERMINALS



Floyd Bell Inc
 An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
 Tel: 888-FLOYD-BELL • Fax: 614/291-0823
 www.floydbell.com

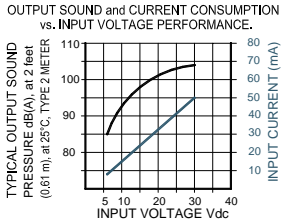
Revision: 2.07

XB-V09-630-S(M)D

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Polarity Protected Circuitry
- Two Tones, One Package

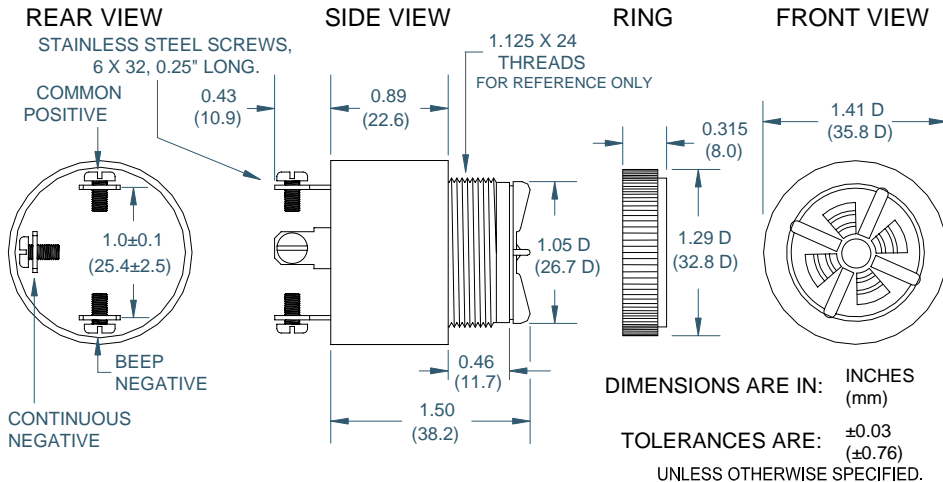


The XB-V09-630-S(M)D is an extra loud output, dual function, panel mounted alarm for operating voltages of 6-30VDC. The alarm functions as a medium beep tone and as a continuous tone. The built-in volume control provides variable attenuation up to 20 dB(A) typically.

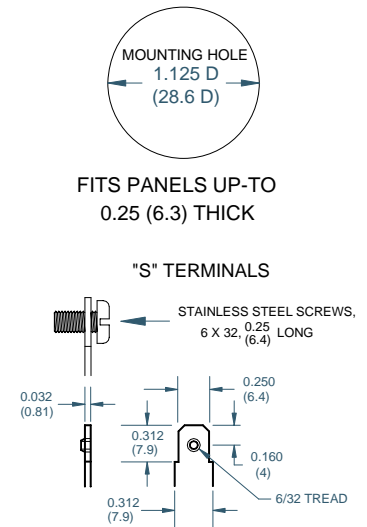
SPECIFICATIONS

Operating Mode: Extra Loud Dual Function Beep/Continuous Tone
Operating Voltage: 6-30 Vdc
Nominal Operating Voltage: 30 Vdc
Operating Frequency: 2900±250 Hz.
 2±25% Pulses per second in Beep Mode
Typical Operating Current: 10 mA at 6 Vdc
 50 mA at 30 Vdc
Typical Sound Pressure: With volume control fully open:
 85±5 dB(A), at 6 Vdc, at 24 inches (61 cm), at 25°C
 103±5 dB(A), at 30 Vdc, at 24 inches (61 cm), at 25°C.
Termination: 0.25 (6.3) Wide Quick Connect Blades with 0.25 (6.3) Long 6x32 Stainless Steel Screws
Termination Strength: Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature: -20°C to +65°C.
Storage Temperature: -40°C to +85°C.
Surge Voltage: 20% over maximum rated voltage for less than 5 minutes.
Reverse Voltage Protection: To the maximum operating voltage.
Part Recognized By: Underwriters Laboratory
Construction Materials: Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver
 Potting- 2 parts epoxy resin or silicone, black
 Diaphragm- Stainless Steel 304
 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
Environmental Durability: Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output
 Humidity- 95% relative humidity at +40°C continuously for 100 hours.
 Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy: 10 years under normal operating conditions.
Warranty: For a period of two years from the date of manufacture under normal operating conditions.

DIMENSIONS



PANEL MOUNTING



Floyd Bell Inc
 An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
 Tel: 888-FLOYD-BELL • Fax: 614/291-0823
 www.floydbell.com

Revision: 2.07

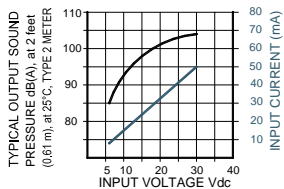
XB-V09-630-S(S)

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology

OUTPUT SOUND and CURRENT CONSUMPTION vs. INPUT VOLTAGE PERFORMANCE.



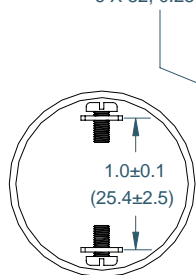
The XB-V09-630-S(S) is an extra loud output, beep tone, panel mounted alarm for operating voltages of 6-30VDC. The built-in volume control provides variable attenuation up to 20 dB(A) typically. The terminals are standard 0.25" quick-connect blades with screws added for connection to wires with lugs.

SPECIFICATIONS

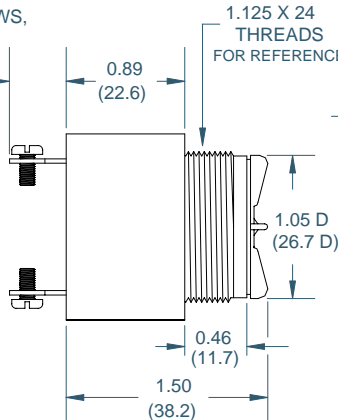
Operating Mode:	Extra Loud Beep Tone
Operating Voltage:	6-30 Vdc
Nominal Operating Voltage:	30 Vdc
Operating Frequency:	2900±250 Hz. 1±25% Pulses per second
Typical Operating Current:	10 mA at 6 Vdc 50 mA at 30 Vdc
Typical Sound Pressure:	With volume control fully open: 85±5 dB(A), at 6 Vdc, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 30 Vdc, at 24 inches (61 cm), at 25°C.
Termination:	0.25 (6.3) Wide Quick Connect Blades with 0.25 (6.3) Long 6x32 Stainless Steel Screws
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Reverse Voltage Protection:	To the maximum operating voltage.
Part Recognized By:	Underwriters Laboratory
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy:	10 years under normal operating conditions.
Warranty:	For a period of two years from the date of manufacture under normal operating conditions.

DIMENSIONS

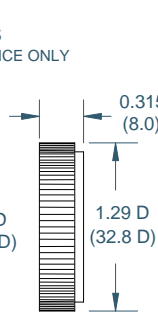
REAR VIEW
STAINLESS STEEL SCREWS,
6 X 32, 0.25" LONG.



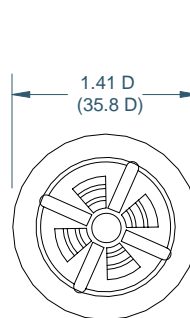
SIDE VIEW



RING

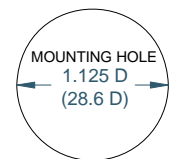


FRONT VIEW



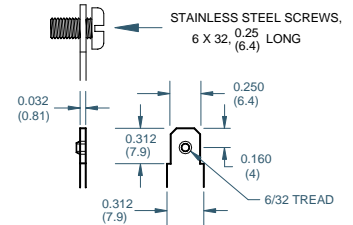
DIMENSIONS ARE IN: INCHES (mm)
TOLERANCES ARE: ±0.03 (±0.76)
UNLESS OTHERWISE SPECIFIED.

PANEL MOUNTING



FITS PANELS UP-TO
0.25 (6.3) THICK

"S" TERMINALS



 **Floyd Bell Inc**
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

Revision: 2.07

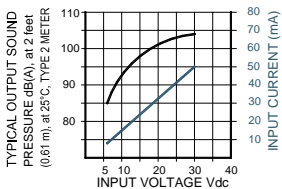
XB-V09-630-S(S)D

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Polarity Protected Circuitry
- Two Tones, One Package

OUTPUT SOUND and CURRENT CONSUMPTION vs. INPUT VOLTAGE PERFORMANCE.



The XB-V09-630-S(S)D is an extra loud output, dual function, panel mounted alarm for operating voltages of 6-30VDC. The alarm functions as a slow beep tone and as a continuous tone. The built-in volume control provides variable attenuation up to 20 dB(A) typically.

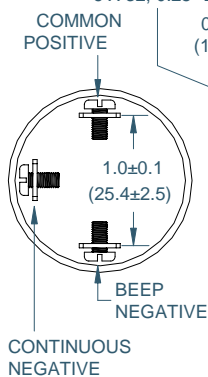
SPECIFICATIONS

Operating Mode:	Extra Loud Dual Function Beep/Continuous Tone
Operating Voltage:	6-30 Vdc
Nominal Operating Voltage:	30 Vdc
Operating Frequency:	2900±250 Hz. 1±25% Pulses per second in Beep Mode
Typical Operating Current:	10 mA at 6 Vdc 50 mA at 30 Vdc
Typical Sound Pressure:	With volume control fully open: 85±5 dB(A), at 6 Vdc, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 30 Vdc, at 24 inches (61 cm), at 25°C.
Termination:	0.25 (6.3) Wide Quick Connect Blades with 0.25 (6.3) Long 6x32 Stainless Steel Screws
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Reverse Voltage Protection:	To the maximum operating voltage.
Part Recognized By:	Underwriters Laboratory
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy:	10 years under normal operating conditions.
Warranty:	For a period of two years from the date of manufacture under normal operating conditions.

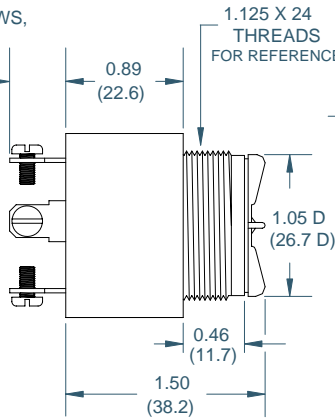
DIMENSIONS

REAR VIEW

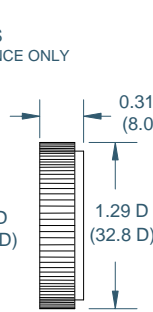
STAINLESS STEEL SCREWS,
6 X 32, 0.25" LONG.



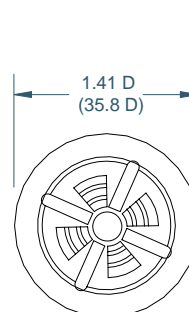
SIDE VIEW



RING

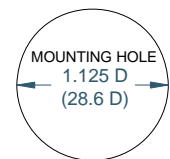


FRONT VIEW



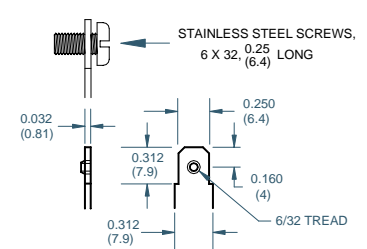
DIMENSIONS ARE IN: INCHES (mm)
TOLERANCES ARE: ±0.03 (±0.76)
UNLESS OTHERWISE SPECIFIED.

PANEL MOUNTING



FITS PANELS UP-TO
0.25 (6.3) THICK

"S" TERMINALS



 **Floyd Bell Inc**
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

Revision: 2.07

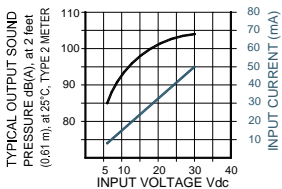
XB-V09-630-S(U)

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology

OUTPUT SOUND and CURRENT CONSUMPTION vs. INPUT VOLTAGE PERFORMANCE.



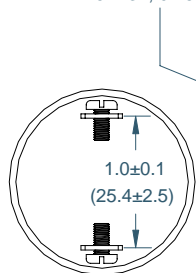
The XB-V09-630-S(U) is an extra loud output, beep tone, panel mounted alarm for operating voltages of 6-30VDC. The built-in volume control provides variable attenuation up to 20 dB(A) typically. The terminals are standard 0.25" quick-connect blades with screws added for connection to wires with lugs.

SPECIFICATIONS

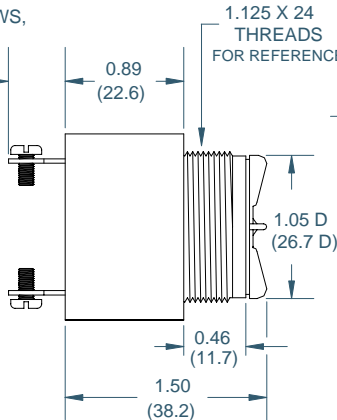
Operating Mode: Extra Loud Beep Tone
Operating Voltage: 6-30 Vdc
Nominal Operating Voltage: 30 Vdc
Operating Frequency: 2900±250 Hz.
 6±25% Pulses per second
Typical Operating Current: 10 mA at 6 Vdc
 50 mA at 30 Vdc
Typical Sound Pressure: With volume control fully open:
 85±5 dB(A), at 6 Vdc, at 24 inches (61 cm), at 25°C
 103±5 dB(A), at 30 Vdc, at 24 inches (61 cm), at 25°C.
Termination: 0.25 (6.3) Wide Quick Connect Blades with 0.25 (6.3) Long 6x32 Stainless Steel Screws
Termination Strength: Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature: -20°C to +65°C.
Storage Temperature: -40°C to +85°C.
Surge Voltage: 20% over maximum rated voltage for less than 5 minutes.
Reverse Voltage Protection: To the maximum operating voltage.
Part Recognized By: Underwriters Laboratory
Construction Materials: Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Environmental Durability: 10 years under normal operating conditions.
Life Expectancy: For a period of two years from the date of manufacture under normal operating conditions.
Warranty:

DIMENSIONS

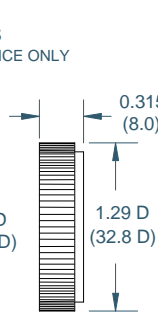
REAR VIEW
STAINLESS STEEL SCREWS,
6 X 32, 0.25" LONG.



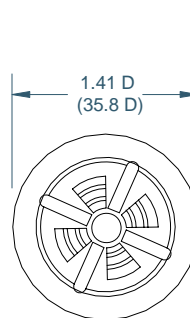
SIDE VIEW



RING

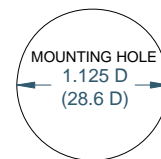


FRONT VIEW



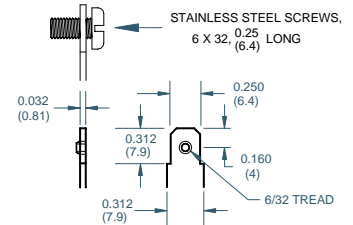
DIMENSIONS ARE IN: INCHES (mm)
 TOLERANCES ARE: ±0.03 (±0.76)
 UNLESS OTHERWISE SPECIFIED.

PANEL MOUNTING



FITS PANELS UP-TO
0.25 (6.3) THICK

"S" TERMINALS



 **Floyd Bell Inc**
 An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
 Tel: 888-FLOYD-BELL • Fax: 614/291-0823
 www.floydbell.com

Revision: 2.07

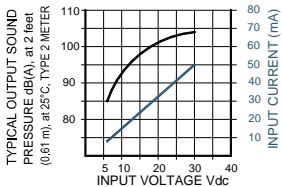
XB-V09-630-S(U)D

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Polarity Protected Circuitry
- Two Tones, One Package

OUTPUT SOUND and CURRENT CONSUMPTION vs. INPUT VOLTAGE PERFORMANCE.

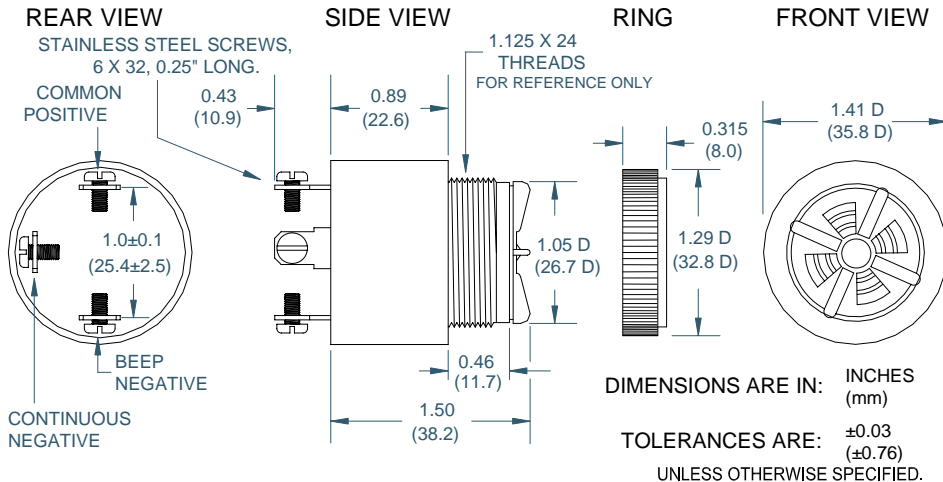


The XB-V09-630-S(U)D is an extra loud output, dual function, panel mounted alarm for operating voltages of 6-30VDC. The alarm functions as an ultra fast beep tone and as a continuous tone. The built-in volume control provides variable attenuation up to 20 dB(A) typically.

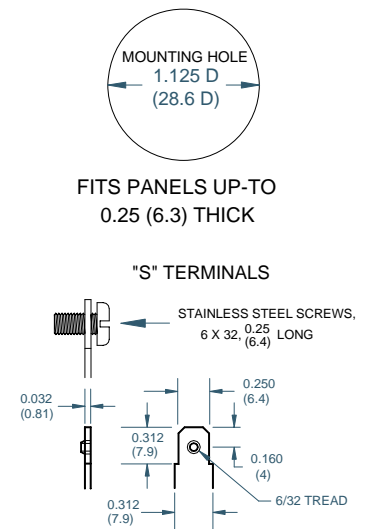
SPECIFICATIONS

Operating Mode: Extra Loud Dual Function Beep/Continuous Tone
Operating Voltage: 6-30 Vdc
Nominal Operating Voltage: 30 Vdc
Operating Frequency: 2900±250 Hz.
 6±25% Pulses per second in Beep Mode
Typical Operating Current: 10 mA at 6 Vdc
 50 mA at 30 Vdc
Typical Sound Pressure: With volume control fully open:
 85±5 dB(A), at 6 Vdc, at 24 inches (61 cm), at 25°C
 103±5 dB(A), at 30 Vdc, at 24 inches (61 cm), at 25°C.
Termination: 0.25 (6.3) Wide Quick Connect Blades with 0.25 (6.3) Long 6x32 Stainless Steel Screws
Termination Strength: Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature: -20°C to +65°C.
Storage Temperature: -40°C to +85°C.
Surge Voltage: 20% over maximum rated voltage for less than 5 minutes.
Reverse Voltage Protection: To the maximum operating voltage.
Part Recognized By: Underwriters Laboratory
Construction Materials: Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver
 Potting- 2 parts epoxy resin or silicone, black
 Diaphragm- Stainless Steel 304
 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
 Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output
 Humidity- 95% relative humidity at +40°C continuously for 100 hours.
 Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy: 10 years under normal operating conditions.
Warranty: For a period of two years from the date of manufacture under normal operating conditions.

DIMENSIONS



PANEL MOUNTING



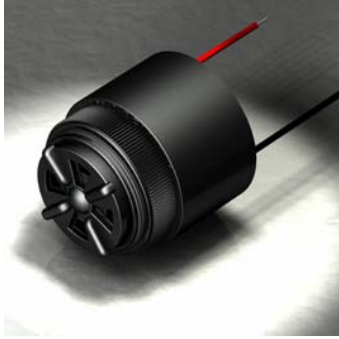
Floyd Bell Inc
 An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
 Tel: 888-FLOYD-BELL • Fax: 614/291-0823
 www.floydbell.com

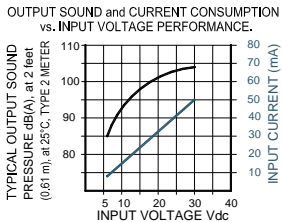
Revision: 2.07

XB-V09-630-W(F)

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology

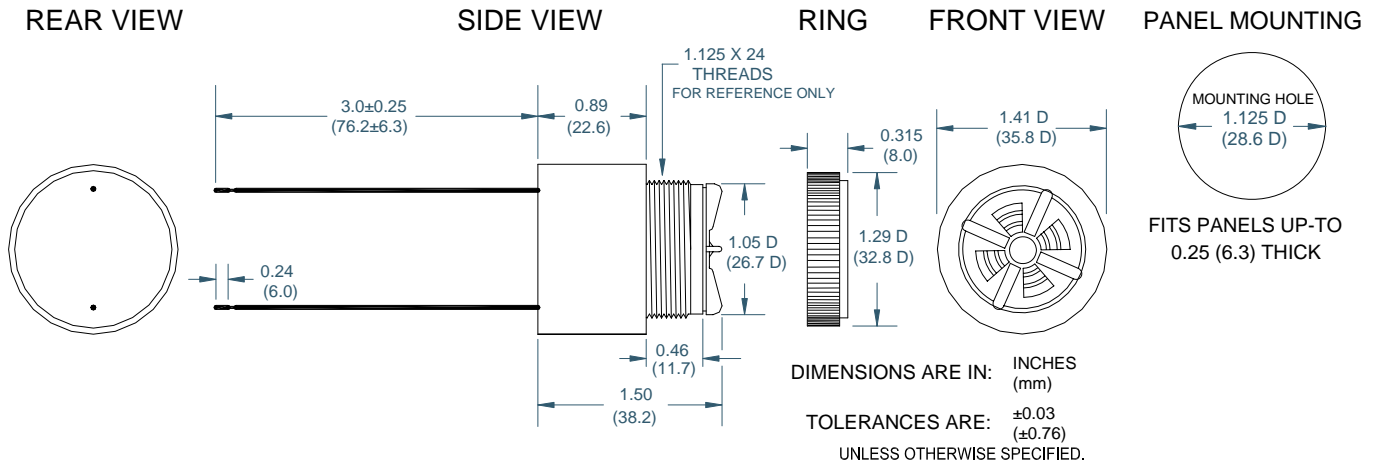


The XB-V09-630-W(F) is an extra loud output, beep tone, panel mounted alarm for operating voltages of 6-30Vdc. The built-in volume control provides variable attenuation up to 20 dB(A) typically. It is terminated with two 24AWG wires, 3" long, stripped 0.25".

SPECIFICATIONS

Operating Mode:	Extra Loud Beep Tone
Operating Voltage:	6-30 Vdc
Nominal Operating Voltage:	30 Vdc
Operating Frequency:	2900±250 Hz. 3±25% Pulses per second
Typical Operating Current:	10 mA at 6 Vdc 50 mA at 30 Vdc
Typical Sound Pressure:	With volume control fully open: 85±5 dB(A), at 6 Vdc, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 30 Vdc, at 24 inches (61 cm), at 25°C.
Termination:	24AWG Wire, Tinned Copper, Vinyl Insulated, Red and Black
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Reverse Voltage Protection:	To the maximum operating voltage.
Part Recognized By:	Underwriters Laboratory
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy:	10 years under normal operating conditions.
Warranty:	For a period of two years from the date of manufacture under normal operating conditions.

DIMENSIONS



Floyd Bell Inc
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

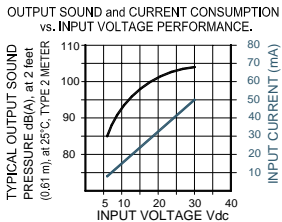
Revision: 2.07

XB-V09-630-W(M)

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology

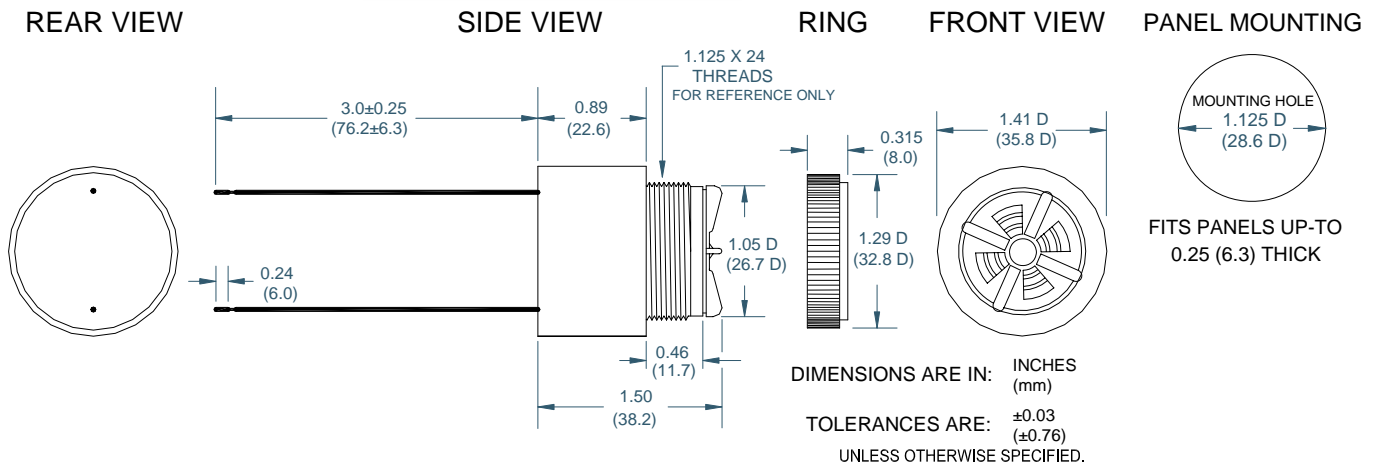


The XB-V09-630-W(M) is an extra loud output, beep tone, panel mounted alarm for operating voltages of 6-30VDC. The built-in volume control provides variable attenuation up to 20 dB(A) typically. It is terminated with two 24AWG wires, 3" long, stripped 0.25".

SPECIFICATIONS

Operating Mode:	Extra Loud Beep Tone
Operating Voltage:	6-30 Vdc
Nominal Operating Voltage:	30 Vdc
Operating Frequency:	2900±250 Hz. 2±25% Pulses per second
Typical Operating Current:	10 mA at 6 Vdc 50 mA at 30 Vdc
Typical Sound Pressure:	With volume control fully open: 85±5 dB(A), at 6 Vdc, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 30 Vdc, at 24 inches (61 cm), at 25°C.
Termination:	24AWG Wire, Tinned Copper, Vinyl Insulated, Red and Black
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Reverse Voltage Protection:	To the maximum operating voltage.
Part Recognized By:	Underwriters Laboratory
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy:	10 years under normal operating conditions.
Warranty:	For a period of two years from the date of manufacture under normal operating conditions.

DIMENSIONS



 **Floyd Bell Inc**
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

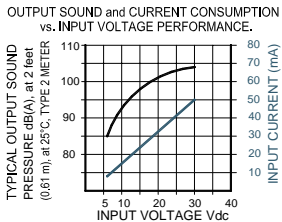
Revision: 2.07

XB-V09-630-W(S)

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology

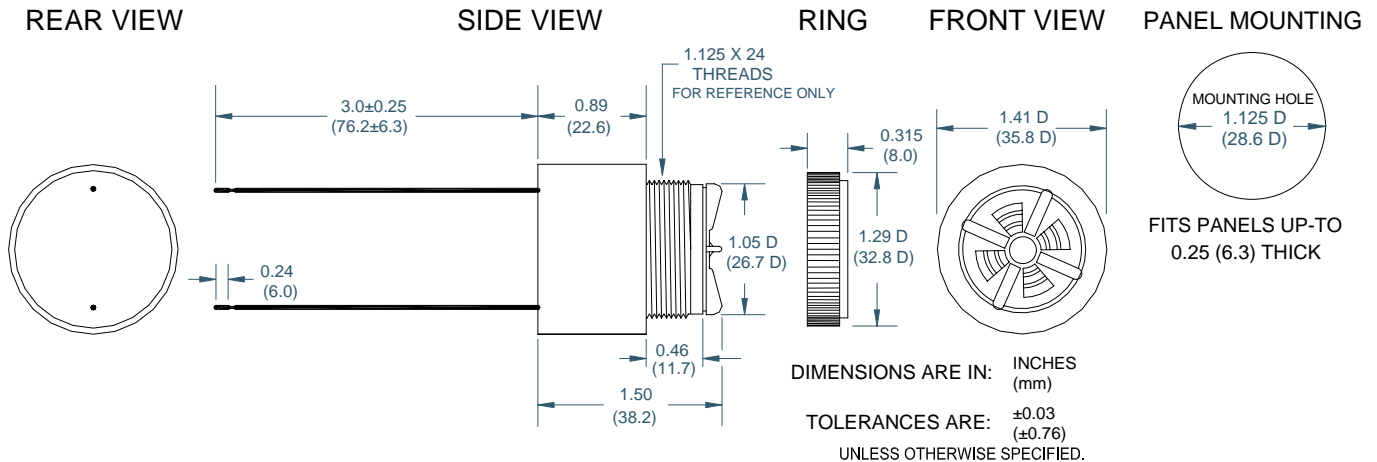


The XB-V09-630-W(S) is an extra loud output, beep tone, panel mounted alarm for operating voltages of 6-30VDC. The built-in volume control provides variable attenuation up to 20 dB(A) typically. It is terminated with two 24AWG wires, 3" long, stripped 0.25".

SPECIFICATIONS

Operating Mode: Extra Loud Beep Tone
Operating Voltage: 6-30 Vdc
Nominal Operating Voltage: 30 Vdc
Operating Frequency: 2900±250 Hz.
 1±25% Pulses per second
Typical Operating Current: 10 mA at 6 Vdc
 50 mA at 30 Vdc
Typical Sound Pressure: With volume control fully open:
 85±5 dB(A), at 6 Vdc, at 24 inches (61 cm), at 25°C
 103±5 dB(A), at 30 Vdc, at 24 inches (61 cm), at 25°C.
Termination: 24AWG Wire, Tinned Copper, Vinyl Insulated, Red and Black
Termination Strength: Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature: -20°C to +65°C.
Storage Temperature: -40°C to +85°C.
Surge Voltage: 20% over maximum rated voltage for less than 5 minutes.
Reverse Voltage Protection: To the maximum operating voltage.
Part Recognized By: Underwriters Laboratory
Construction Materials: Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black
 Internal Circuit- Audio-oscillator and piezoelectric driver
 Potting- 2 parts epoxy resin or silicone, black
 Diaphragm- Stainless Steel 304
 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
Environmental Durability: Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output
 Humidity- 95% relative humidity at +40°C continuously for 100 hours.
 Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy: 10 years under normal operating conditions.
Warranty: For a period of two years from the date of manufacture under normal operating conditions.

DIMENSIONS



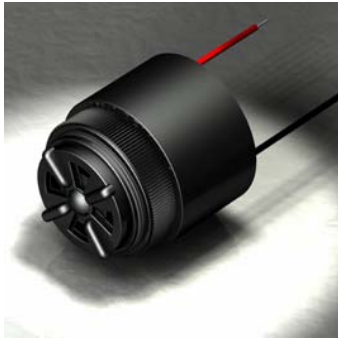
 **Floyd Bell Inc**
 An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
 Tel: 888-FLOYD-BELL • Fax: 614/291-0823
 www.floydbell.com

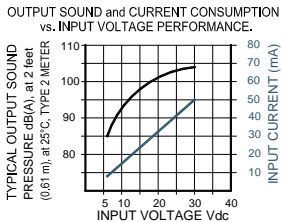
Revision: 2.07

XB-V09-630-W(U)

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology

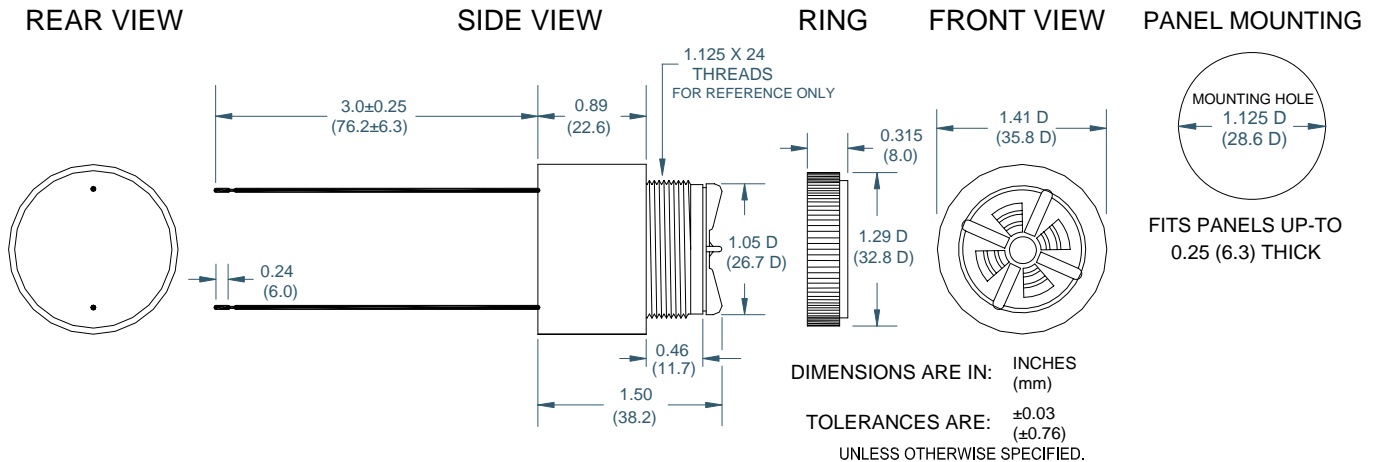


The XB-V09-630-W(U) is an extra loud output, beep tone, panel mounted alarm for operating voltages of 6-30VDC. The built-in volume control provides variable attenuation up to 20 dB(A) typically. It is terminated with two 24AWG wires, 3" long, stripped 0.25".

SPECIFICATIONS

Operating Mode:	Extra Loud Beep Tone
Operating Voltage:	6-30 Vdc
Nominal Operating Voltage:	30 Vdc
Operating Frequency:	2900±250 Hz. 6±25% Pulses per second
Typical Operating Current:	10 mA at 6 Vdc 50 mA at 30 Vdc
Typical Sound Pressure:	With volume control fully open: 85±5 dB(A), at 6 Vdc, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 30 Vdc, at 24 inches (61 cm), at 25°C.
Termination:	24AWG Wire, Tinned Copper, Vinyl Insulated, Red and Black
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Reverse Voltage Protection:	To the maximum operating voltage.
Part Recognized By:	Underwriters Laboratory
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy:	10 years under normal operating conditions.
Warranty:	For a period of two years from the date of manufacture under normal operating conditions.

DIMENSIONS



 **Floyd Bell Inc**
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

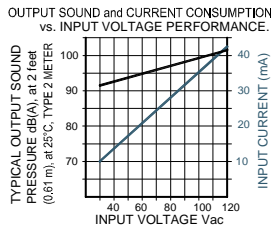
Revision: 2.07

XC-05-201-P

Made in
USA

Image Not
Available

- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- PCB Mountable
- Installs Easily
- Reliable Piezoelectric Technology

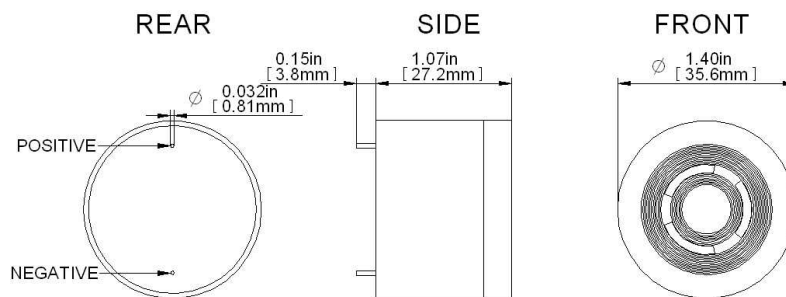


The XC-05-201-P is an extra loud continuous tone alarm for operating voltages of 30-120VAC. It has a typical sound pressure level of 103 dB(A) at maximum voltage. It is terminated with two 0.032" diameter pins for mounting to a printed circuit board.

SPECIFICATIONS

Operating Mode:	Extra Loud Continuous Tone
Operating Voltage:	30-120 Vac
Nominal Operating Voltage:	110 Vac
Operating Frequency:	2900±250 Hz.
Typical Operating Current:	10 mA at 30 Vac 45 mA at 120 Vac
Typical Sound Pressure:	92±5 dB(A), at 30 Vac, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 120 Vac, at 24 inches (61 cm), at 25°C.
Termination:	2 PC pins, 0.032" (0.8 mm) diameter, electro-tin plated brass
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Part Recognized By:	Underwriters Laboratory
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes. 10 years under normal operating conditions.
Life Expectancy:	For a period of two years from the date of manufacture under normal operating conditions.
Warranty:	

DIMENSIONS



TOLERANCES ARE ±0.03in [±0.76mm] UNLESS OTHERWISE SPECIFIED

 **Floyd Bell Inc**
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

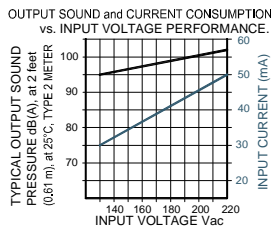
Revision: 2.14

XC-05-301-P

Made in
USA

Image Not
Available

- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- PCB Mountable
- Installs Easily
- Reliable Piezoelectric Technology

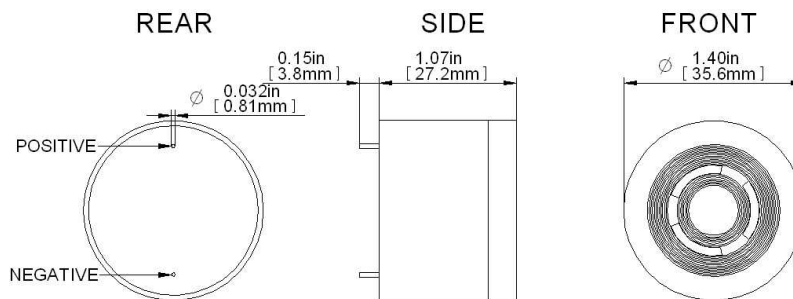


The XC-05-301-P is an extra loud continuous tone alarm for operating voltages of 130-220VAC. It has a typical sound pressure level of 103 dB(A) at maximum voltage. It is terminated with two 0.032" diameter pins for mounting to a printed circuit board.

SPECIFICATIONS

Operating Mode:	Extra Loud Continuous Tone
Operating Voltage:	130-220 Vac
Nominal Operating Voltage:	220 Vac
Operating Frequency:	2900±250 Hz.
Typical Operating Current:	30 mA at 130 Vac 50 mA at 220 Vac
Typical Sound Pressure:	95±5 dB(A), at 130 Vac, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 220 Vac, at 24 inches (61 cm), at 25°C.
Termination:	2 PC pins, 0.032" (0.8 mm) diameter, electro-tin plated brass
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Part Recognized By:	Underwriters Laboratory
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy:	10 years under normal operating conditions.
Warranty:	For a period of two years from the date of manufacture under normal operating conditions.

DIMENSIONS



TOLERANCES ARE ±0.03in [±0.76mm] UNLESS OTHERWISE SPECIFIED

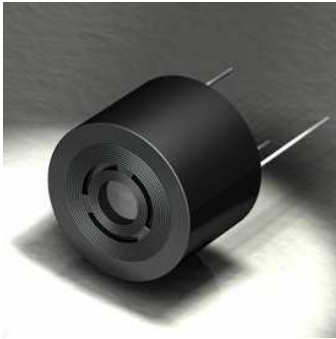
 **Floyd Bell Inc**
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

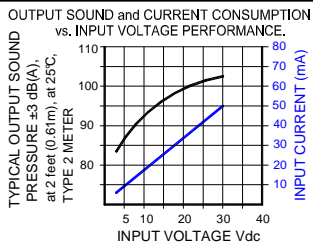
Revision: 2.14

XC-05-330-P

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- PCB Mountable
- Reliable Piezoelectric Technology
- Installs Easily

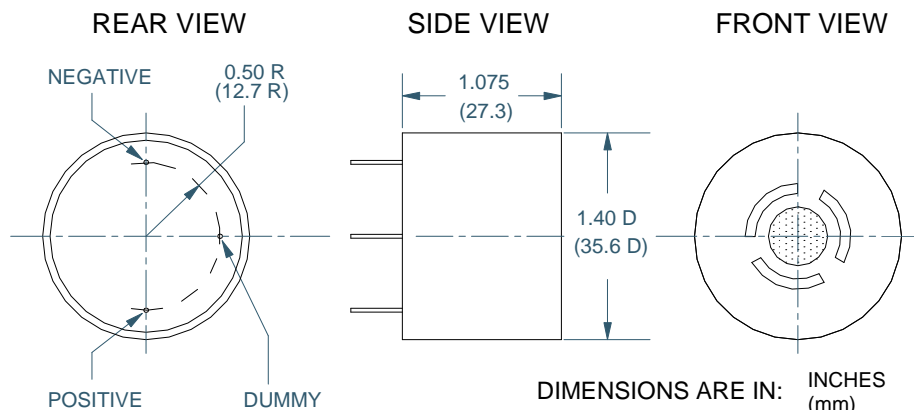


The XC-05-330-P is an extra loud continuous tone alarm for operating voltages of 3-30VDC. It has a typical sound pressure level of 103 dB(A) at maximum voltage. It is terminated with three 0.032" diameter pins for mounting to a printed circuit board.

SPECIFICATIONS

Operating Mode:	Extra Loud Continuous Tone
Operating Voltage:	3-30 Vdc
Nominal Operating Voltage:	30 Vdc
Operating Frequency:	2900±500 Hz.
Typical Operating Current:	6 mA at 3 Vdc 50 mA at 30 Vdc
Typical Sound Pressure:	82±5 dB(A), at 3 Vdc, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 30 Vdc, at 24 inches (61 cm), at 25°C.
Termination:	3 PC pins, 0.032" (0.8 mm) diameter, electro-tin plated brass
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Reverse Voltage Protection:	To the maximum operating voltage.
Part Recognized By:	Underwriters Laboratory
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes. 10 years under normal operating conditions.
Life Expectancy:	For a period of two years from the date of manufacture under normal operating conditions.
Warranty:	

DIMENSIONS



DIMENSIONS ARE IN: INCHES (mm)

TOLERANCES ARE: ±0.03 (±0.76)
UNLESS OTHERWISE SPECIFIED.

 **Floyd Bell Inc**
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

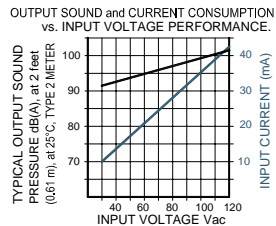
Revision: 3.12

XC-09-201-Q

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology



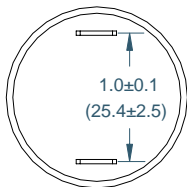
The XC-09-201-Q is a panel mounted alarm for operating voltages of 30-120VAC. The continuous tone has a typical sound pressure level of 103 dB(A) at maximum voltage. The terminals are standard 0.25" quick-connect blades for push-on or direct solder attachment.

SPECIFICATIONS

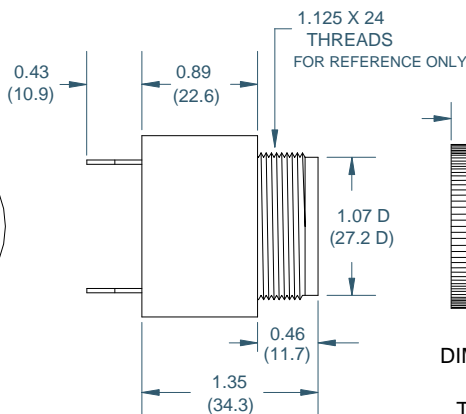
Operating Mode:	Extra Loud Continuous Tone
Operating Voltage:	30-120 Vac
Nominal Operating Voltage:	110 Vac
Operating Frequency:	2900±250 Hz.
Typical Operating Current:	10 mA at 30 Vac 45 mA at 120 Vac
Typical Sound Pressure:	92±5 dB(A), at 30 Vac, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 120 Vac, at 24 inches (61 cm), at 25°C.
Termination:	Quick Connect Blades, 0.25 (6.3) Width, 0.032 (0.8) Thickness
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Part Recognized By:	Underwriters Laboratory
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy:	10 years under normal operating conditions.
Warranty:	For a period of two years from the date of manufacture under normal operating conditions.

DIMENSIONS

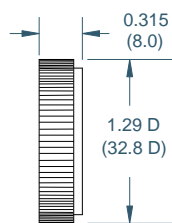
REAR VIEW



SIDE VIEW



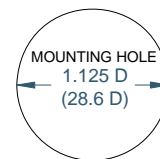
RING



FRONT VIEW

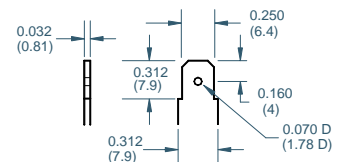


PANEL MOUNTING



FITS PANELS UP-TO
0.25 (6.3) THICK

"Q" TERMINALS



DIMENSIONS ARE IN: INCHES (mm)
TOLERANCES ARE: ±0.03 (±0.76)
UNLESS OTHERWISE SPECIFIED.

Floyd Bell Inc
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

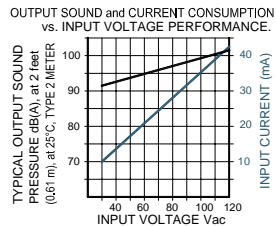
Revision: 2.07

XC-09-201-S

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology

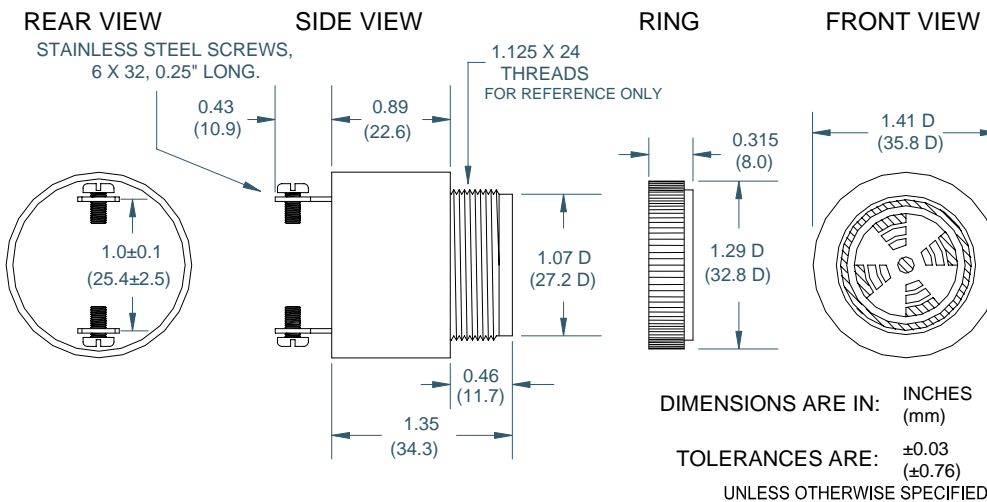


The XC-09-201-S is a panel mounted alarm for operating voltages of 30-120VAC. The continuous tone has a typical sound pressure level of 103 dB(A) at maximum voltage. The terminals are standard 0.25" quick-connect blades with screws added for connection to wires with lugs.

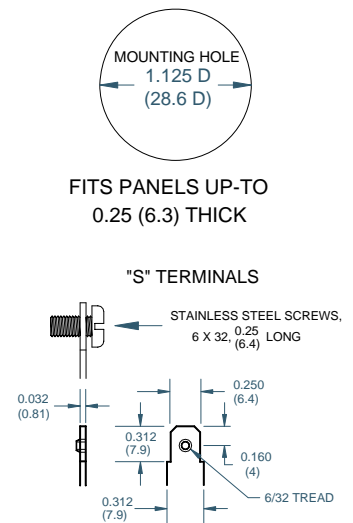
SPECIFICATIONS

Operating Mode:	Extra Loud Continuous Tone
Operating Voltage:	30-120 Vac
Nominal Operating Voltage:	110 Vac
Operating Frequency:	2900±250 Hz.
Typical Operating Current:	10 mA at 30 Vac 45 mA at 120 Vac
Typical Sound Pressure:	92±5 dB(A), at 30 Vac, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 120 Vac, at 24 inches (61 cm), at 25°C.
Termination:	0.25 (6.3) Wide Quick Connect Blades with 0.25 (6.3) Long 6x32 Stainless Steel Screws
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Part Recognized By:	Underwriters Laboratory
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy:	10 years under normal operating conditions.
Warranty:	For a period of two years from the date of manufacture under normal operating conditions.

DIMENSIONS



PANEL MOUNTING



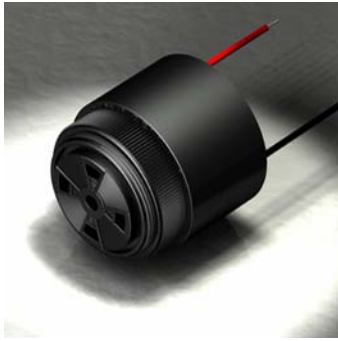
Floyd Bell Inc
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

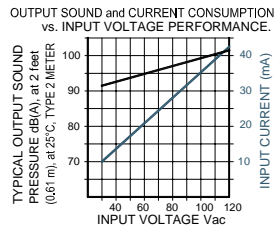
Revision: 2.07

XC-09-201-W

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology



The XC-09-201-W is a panel mounted alarm for operating voltages of 30-120VAC. The continuous tone has a typical sound pressure level of 103 dB(A) at maximum voltage. It is terminated with two 24AWG wires, 3" long, stripped 0.25". The case is designed for panel mounting in a 1.125" hole with a knurled ring nut.

SPECIFICATIONS

Operating Mode:	Extra Loud Continuous Tone
Operating Voltage:	30-120 Vac
Nominal Operating Voltage:	110 Vac
Operating Frequency:	2900±250 Hz.
Typical Operating Current:	10 mA at 30 Vac 45 mA at 120 Vac
Typical Sound Pressure:	92±5 dB(A), at 30 Vac, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 120 Vac, at 24 inches (61 cm), at 25°C.
Termination:	24AWG Wire, Tinned Copper, Vinyl Insulated, Red and Black
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Part Recognized By:	Underwriters Laboratory
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304
Environmental Durability:	Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy:	10 years under normal operating conditions.
Warranty:	For a period of two years from the date of manufacture under normal operating conditions.

DIMENSIONS

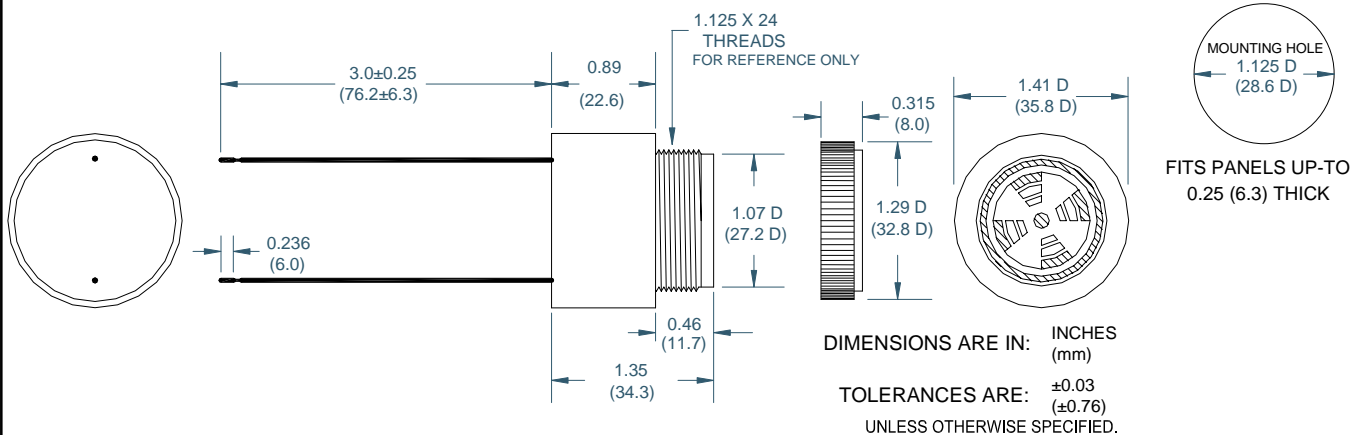
REAR VIEW

SIDE VIEW

RING

FRONT VIEW

PANEL MOUNTING



 **Floyd Bell Inc**
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

Revision: 2.07

XC-09-212-Q

**Made in
USA**

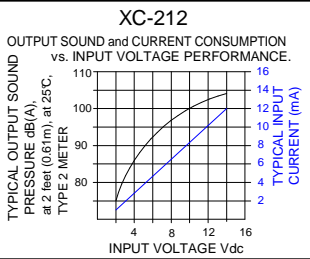


- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology

The XC-09-212-Q is an extra loud output, panel mounted alarm for operating voltages of 2-12VDC. The continuous tone has a typical sound pressure level of 103 dB(A) at maximum voltage. The terminals are standard 0.25" quick-connect blades for push-on or direct solder attachment.

SPECIFICATIONS

Operating Mode:	Extra Loud Continuous Tone
Operating Voltage:	2-12 Vdc
Nominal Operating Voltage:	12 Vdc
Operating Frequency:	2900±500 Hz.
Typical Operating Current:	1 mA at 2 Vdc, 5mA max 8 mA at 12 Vdc, 20mA max
Typical Sound Pressure:	75±5 dB(A), at 2 Vdc, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 12 Vdc, at 24 inches (61 cm), at 25°C.
Termination:	Quick Connect Blades, 0.25 (6.3) Width, 0.032 (0.8) Thickness
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Part Recognized By:	Underwriters Laboratory
Reverse Voltage Protection:	To the maximum operating voltage.
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy:	10 years under normal operating conditions.
Warranty:	For a period of two years from the date of manufacture under normal operating conditions.

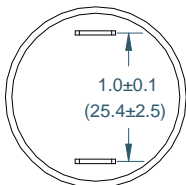


RoHS Also available RoHS Compliant — Add "R" to end of part number.

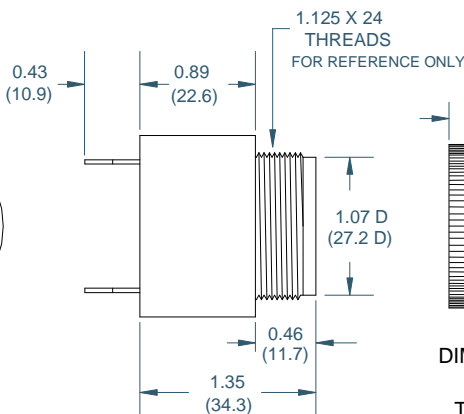
DIMENSIONS

PANEL MOUNTING

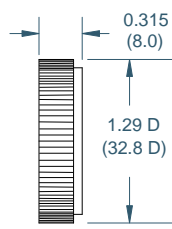
REAR VIEW



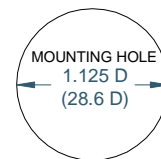
SIDE VIEW



RING

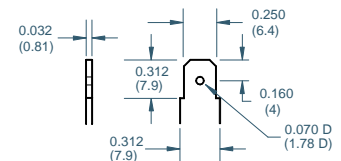


FRONT VIEW



FITS PANELS UP-TO
0.25 (6.3) THICK

"Q" TERMINALS



DIMENSIONS ARE IN: INCHES (mm)
TOLERANCES ARE: ±0.03 (±0.76)
UNLESS OTHERWISE SPECIFIED.

Floyd Bell Inc
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

Revision: 2.12

XC-09-212-S

**Made in
USA**

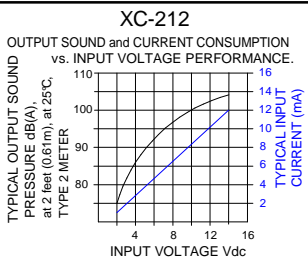


- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology

The XC-09-212-S is an extra loud output, panel mounted alarm for operating voltages of 2-12VDC. The continuous tone has a typical sound pressure level of 103 dB(A) at maximum voltage. The terminals are standard 0.25" quick-connect blades with screws added for connection to wires with lugs.

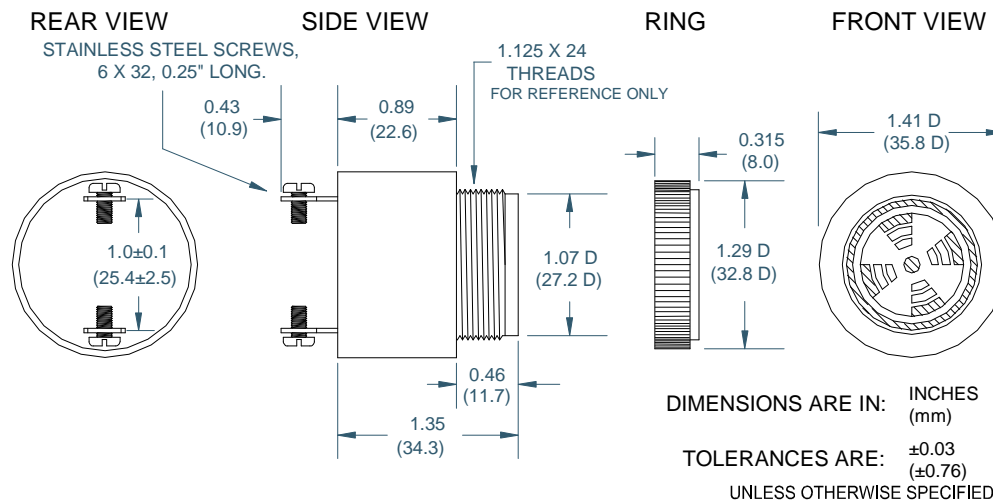
SPECIFICATIONS

Operating Mode:	Extra Loud Continuous Tone
Operating Voltage:	2-12 Vdc
Nominal Operating Voltage:	12 Vdc
Operating Frequency:	2900±500 Hz.
Typical Operating Current:	1 mA at 2 Vdc, 5mA max 8 mA at 12 Vdc, 20mA max
Typical Sound Pressure:	75±5 dB(A), at 2 Vdc, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 12 Vdc, at 24 inches (61 cm), at 25°C.
Termination:	Quick Connect Blades, 0.25 (6.3) Width, 0.032 (0.8) Thickness
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Part Recognized By:	Underwriters Laboratory
Reverse Voltage Protection:	To the maximum operating voltage.
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes. 10 years under normal operating conditions. For a period of two years from the date of manufacture under normal operating conditions.
Environmental Durability:	
Life Expectancy:	
Warranty:	

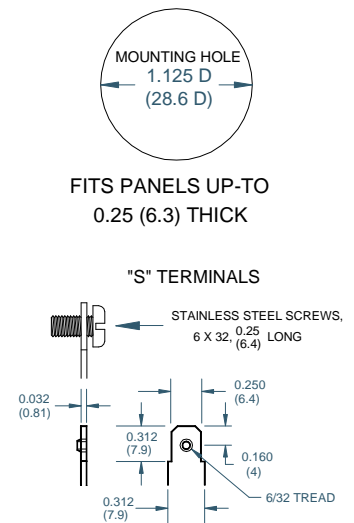


RoHS RoHS Compliant

DIMENSIONS



PANEL MOUNTING



Floyd Bell Inc
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

Revision: 2.12

XC-09-212-W

**Made in
USA**

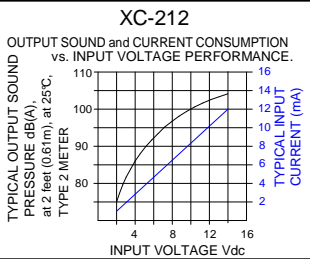


- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology

The XC-09-212-W is an extra loud output, panel mounted alarm for operating voltages of 2-12VDC. The continuous tone has a typical sound pressure level of 103 dB(A) at maximum voltage. It is terminated with two 24AWG wires, 3" long, stripped 0.25".

SPECIFICATIONS

Operating Mode:	Extra Loud Continuous Tone
Operating Voltage:	2-12 Vdc
Nominal Operating Voltage:	12 Vdc
Operating Frequency:	2900±500 Hz.
Typical Operating Current:	1 mA at 2 Vdc, 5mA max 8 mA at 12 Vdc, 20mA max
Typical Sound Pressure:	75±5 dB(A), at 2 Vdc, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 12 Vdc, at 24 inches (61 cm), at 25°C.
Termination:	Quick Connect Blades, 0.25 (6.3) Width, 0.032 (0.8) Thickness
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Part Recognized By:	Underwriters Laboratory
Reverse Voltage Protection:	To the maximum operating voltage.
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy:	10 years under normal operating conditions.
Warranty:	For a period of two years from the date of manufacture under normal operating conditions.



RoHS Also available RoHS Compliant — Add "R" to end of part number.

DIMENSIONS

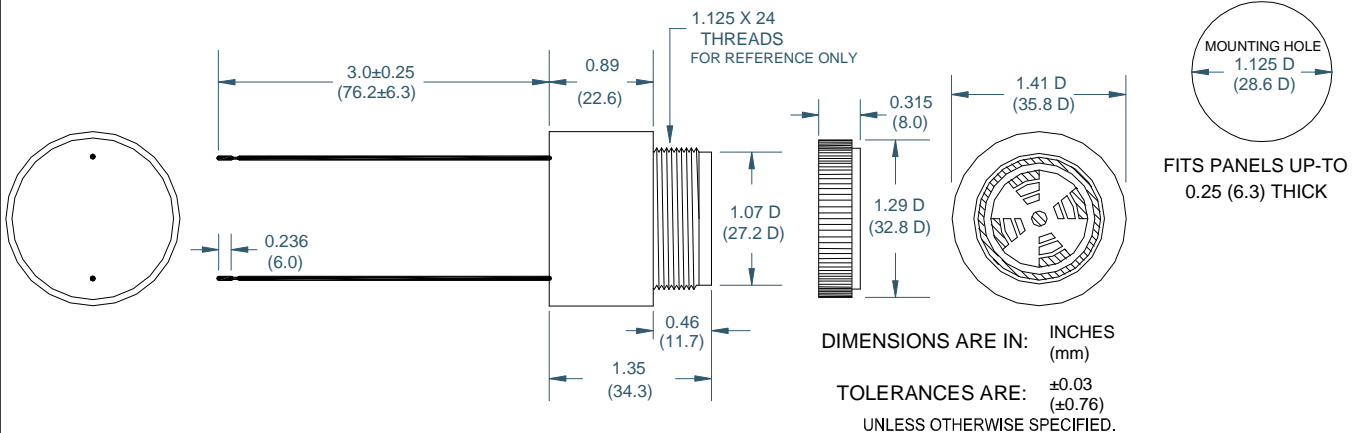
REAR VIEW

SIDE VIEW

RING

FRONT VIEW

PANEL MOUNTING



Floyd Bell Inc
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

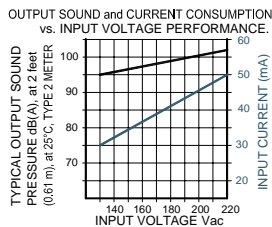
Revision: 2.12

XC-09-301-Q

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology



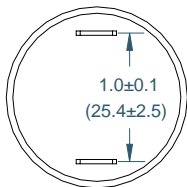
The XC-09-301-Q is a panel mounted alarm for operating voltages of 130-220VAC. The continuous tone has a typical sound pressure level of 103 dB(A) at maximum voltage. The terminals are standard 0.25" quick-connect blades for push-on or direct solder attachment.

SPECIFICATIONS

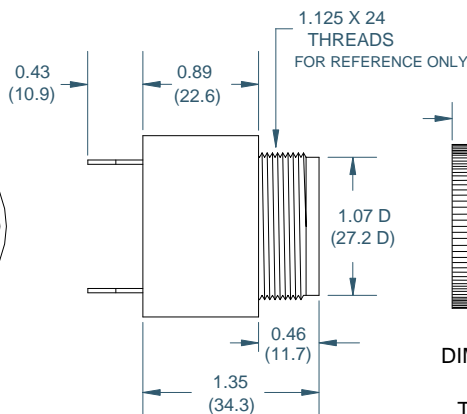
Operating Mode:	Extra Loud Continuous Tone
Operating Voltage:	130-220 Vac
Nominal Operating Voltage:	220 Vac
Operating Frequency:	2900±250 Hz.
Typical Operating Current:	30 mA at 130 Vac 50 mA at 220 Vac
Typical Sound Pressure:	95±5 dB(A), at 130 Vac, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 220 Vac, at 24 inches (61 cm), at 25°C.
Termination:	Quick Connect Blades, 0.25 (6.3) Width, 0.032 (0.8) Thickness
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Part Recognized By:	Underwriters Laboratory
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy:	10 years under normal operating conditions.
Warranty:	For a period of two years from the date of manufacture under normal operating conditions.

DIMENSIONS

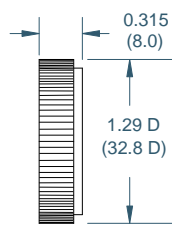
REAR VIEW



SIDE VIEW



RING

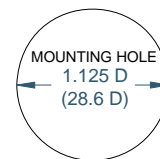


FRONT VIEW



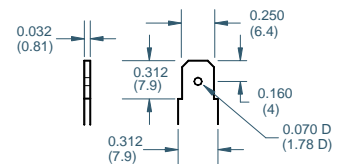
DIMENSIONS ARE IN: INCHES (mm)
TOLERANCES ARE: ±0.03 (±0.76)
UNLESS OTHERWISE SPECIFIED.

PANEL MOUNTING



FITS PANELS UP-TO 0.25 (6.3) THICK

"Q" TERMINALS



Floyd Bell Inc
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

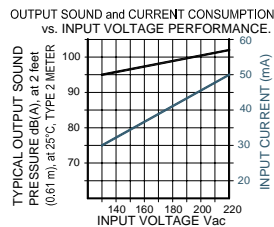
Revision: 2.07

XC-09-301-S

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology



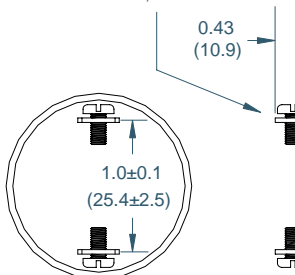
The XC-09-301-S is a panel mounted alarm for operating voltages of 130-220VAC. The continuous tone has a typical sound pressure level of 103 dB(A) at maximum voltage. The terminals are standard 0.25" quick-connect blades with screws added for connection to wires with lugs.

SPECIFICATIONS

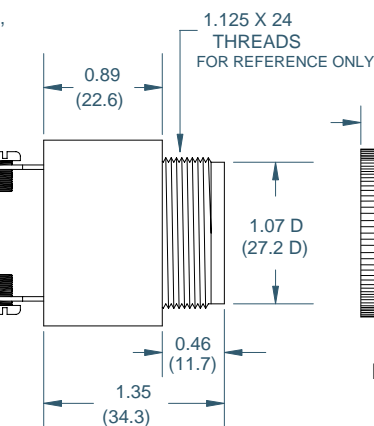
Operating Mode:	Extra Loud Continuous Tone
Operating Voltage:	130-220 Vac
Nominal Operating Voltage:	220 Vac
Operating Frequency:	2900±250 Hz.
Typical Operating Current:	30 mA at 130 Vac 50 mA at 220 Vac
Typical Sound Pressure:	95±5 dB(A), at 130 Vac, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 220 Vac, at 24 inches (61 cm), at 25°C.
Termination:	0.25 (6.3) Wide Quick Connect Blades with 0.25 (6.3) Long 6x32 Stainless Steel Screws
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Part Recognized By:	Underwriters Laboratory
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy:	10 years under normal operating conditions.
Warranty:	For a period of two years from the date of manufacture under normal operating conditions.

DIMENSIONS

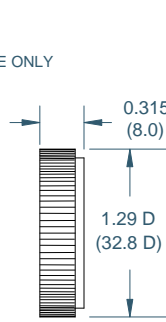
REAR VIEW
STAINLESS STEEL SCREWS,
6 X 32, 0.25" LONG.



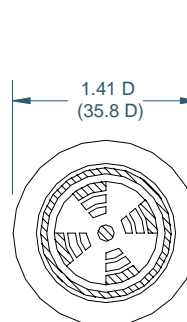
SIDE VIEW



RING

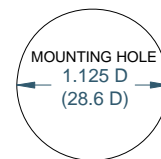


FRONT VIEW



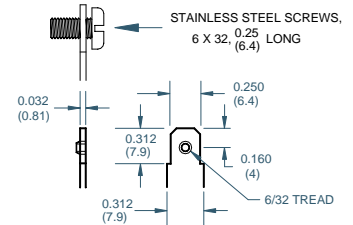
DIMENSIONS ARE IN: INCHES (mm)
TOLERANCES ARE: ±0.03 (±0.76)
UNLESS OTHERWISE SPECIFIED.

PANEL MOUNTING



FITS PANELS UP-TO
0.25 (6.3) THICK

"S" TERMINALS



Floyd Bell Inc
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

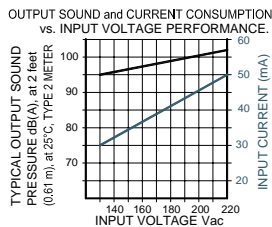
Revision: 2.07

XC-09-301-W

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology



The XC-09-301-W is a panel mounted alarm for operating voltages of 130-220VAC. The continuous tone has a typical sound pressure level of 103 dB(A) at maximum voltage. It is terminated with two 24AWG wires, 3" long, stripped 0.25". The case is designed for panel mounting in a 1.125" hole with a knurled ring nut.

SPECIFICATIONS

Operating Mode:	Extra Loud Continuous Tone
Operating Voltage:	130-220 Vac
Nominal Operating Voltage:	220 Vac
Operating Frequency:	2900±250 Hz.
Typical Operating Current:	30 mA at 130 Vac 50 mA at 220 Vac
Typical Sound Pressure:	95±5 dB(A), at 130 Vac, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 220 Vac, at 24 inches (61 cm), at 25°C.
Termination:	24AWG Wire, Tinned Copper, Vinyl Insulated, Red and Black
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Part Recognized By:	Underwriters Laboratory
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304
Environmental Durability:	Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy:	10 years under normal operating conditions.
Warranty:	For a period of two years from the date of manufacture under normal operating conditions.

DIMENSIONS

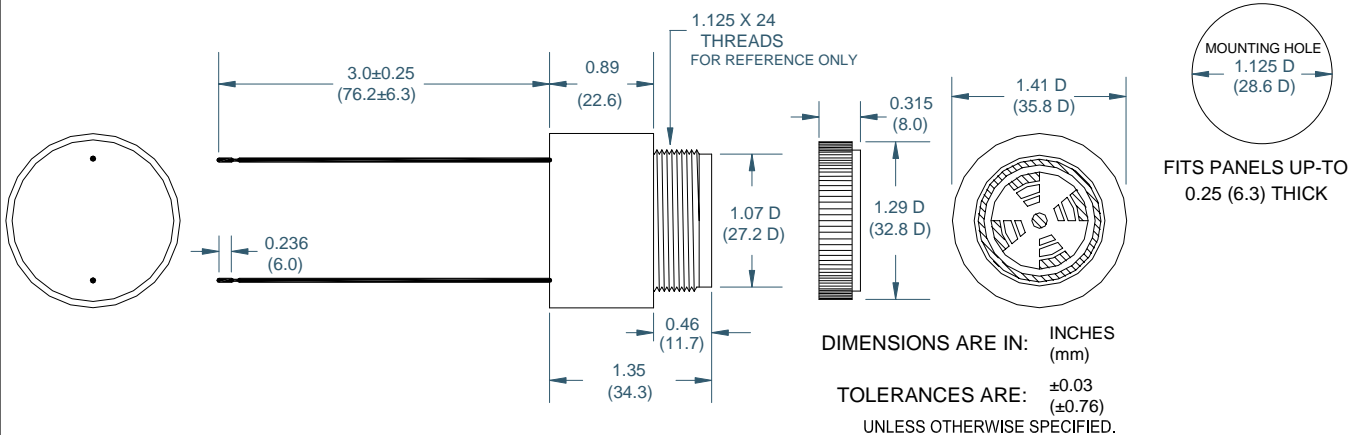
REAR VIEW

SIDE VIEW

RING

FRONT VIEW

PANEL MOUNTING



 **Floyd Bell Inc**
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

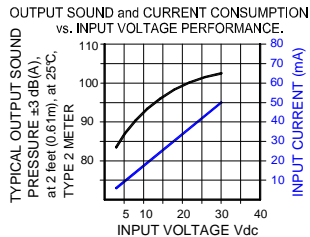
Revision: 2.07

XC-09-330-Q

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology



The XC-09-330-Q is an extra loud output, panel mounted alarm for operating voltages of 3-30VDC. The continuous tone has a typical sound pressure level of 103 dB(A) at maximum voltage. The terminals are standard 0.25" quick-connect blades for push-on or direct solder attachment.

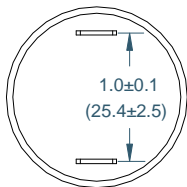
SPECIFICATIONS

Operating Mode:	Extra Loud Continuous Tone
Operating Voltage:	3-30 Vdc
Nominal Operating Voltage:	30 Vdc
Operating Frequency:	2900±500 Hz.
Typical Operating Current:	6 mA at 3 Vdc 50 mA at 30 Vdc
Typical Sound Pressure:	82±5 dB(A), at 3 Vdc, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 30 Vdc, at 24 inches (61 cm), at 25°C.
Termination:	Quick Connect Blades, 0.25 (6.3) Width, 0.032 (0.8) Thickness
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Reverse Voltage Protection:	To the maximum operating voltage.
Part Recognized By:	Underwriters Laboratory
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)— 0.062" Thick, 60 Durometer Neoprene
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy:	10 years under normal operating conditions.
Warranty:	For a period of two years from the date of manufacture under normal operating conditions.

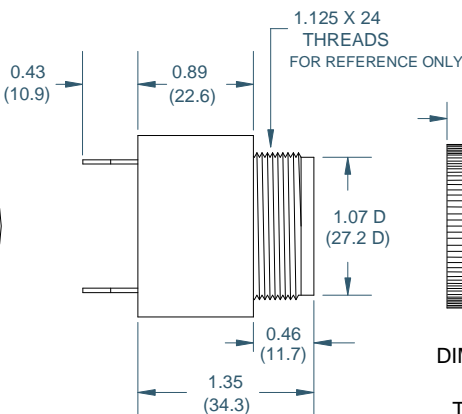
RoHS Also available RoHS Compliant — Add "R" to end of part number.

DIMENSIONS

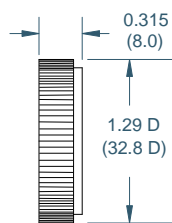
REAR VIEW



SIDE VIEW



RING

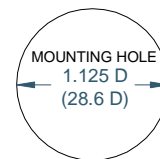


FRONT VIEW



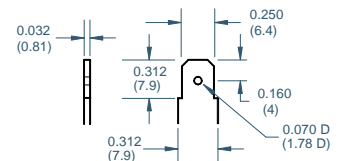
DIMENSIONS ARE IN: INCHES (mm)
TOLERANCES ARE: ±0.03 (±0.76)
UNLESS OTHERWISE SPECIFIED.

PANEL MOUNTING



FITS PANELS UP-TO 0.25 (6.3) THICK

"Q" TERMINALS



Floyd Bell Inc
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

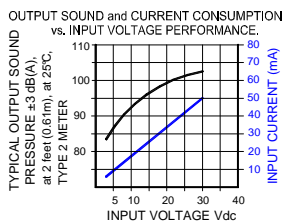
Revision: 03.12

XC-09-330-Q

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology



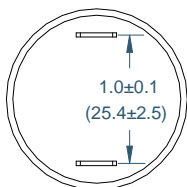
The XC-09-330-Q is an extra loud output, panel mounted alarm for operating voltages of 3-30VDC. The continuous tone has a typical sound pressure level of 103 dB(A) at maximum voltage. The terminals are standard 0.25" quick-connect blades for push-on or direct solder attachment.

SPECIFICATIONS

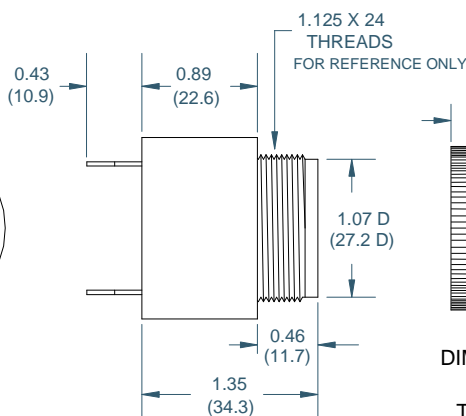
Operating Mode:	Extra Loud Continuous Tone
Operating Voltage:	3-30 Vdc
Nominal Operating Voltage:	30 Vdc
Operating Frequency:	2900±500 Hz.
Typical Operating Current:	6 mA at 3 Vdc 50 mA at 30 Vdc
Typical Sound Pressure:	82±5 dB(A), at 3 Vdc, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 30 Vdc, at 24 inches (61 cm), at 25°C.
Termination:	Quick Connect Blades, 0.25 (6.3) Width, 0.032 (0.8) Thickness
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Reverse Voltage Protection:	To the maximum operating voltage.
Part Recognized By:	Underwriters Laboratory
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)– 0.062" Thick, 60 Durometer Neoprene
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy:	10 years under normal operating conditions.
Warranty:	For a period of two years from the date of manufacture under normal operating conditions.

DIMENSIONS

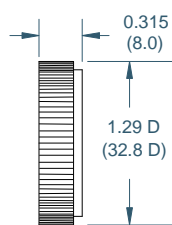
REAR VIEW



SIDE VIEW



RING

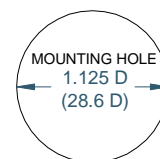


DIMENSIONS ARE IN: INCHES (mm)
TOLERANCES ARE: ±0.03 (±0.76)
UNLESS OTHERWISE SPECIFIED.

FRONT VIEW

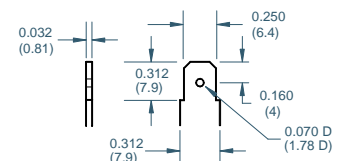


PANEL MOUNTING



FITS PANELS UP-TO 0.25 (6.3) THICK

"Q" TERMINALS



 **Floyd Bell Inc**
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

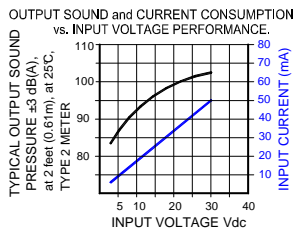
Revision: 03.12

XC-09-330-S

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology



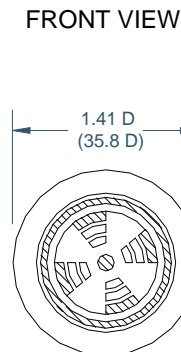
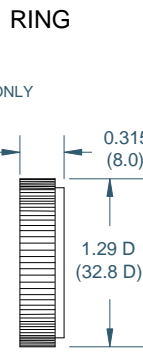
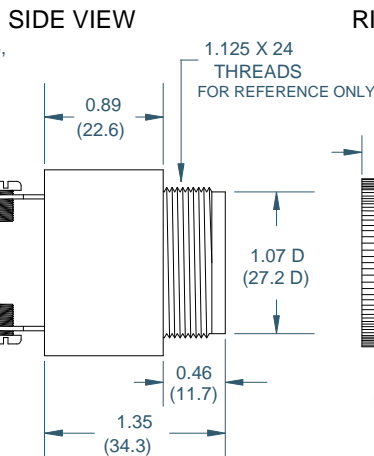
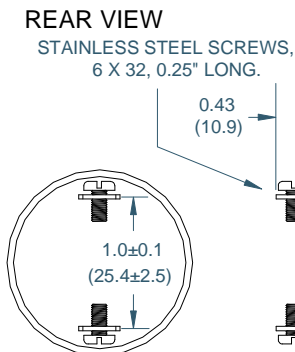
The XC-09-330-S is an extra loud output, panel mounted alarm for operating voltages of 3-30VDC. The continuous tone has a typical sound pressure level of 103 dB(A) at maximum voltage. The terminals are standard 0.25" quick-connect blades with screws added for connection to wires with lugs.

SPECIFICATIONS

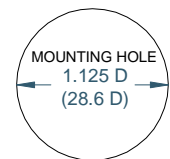
Operating Mode:	Extra Loud Continuous Tone
Operating Voltage:	3-30 Vdc
Nominal Operating Voltage:	30 Vdc
Operating Frequency:	2900±500 Hz.
Typical Operating Current:	6 mA at 3 Vdc 50 mA at 30 Vdc
Typical Sound Pressure:	82±5 dB(A), at 3 Vdc, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 30 Vdc, at 24 inches (61 cm), at 25°C.
Termination:	0.25 (6.3) Wide Quick Connect Blades with 0.25 (6.3) Long 6x32 Stainless Steel Screws Pull test with a maximum of 22 pounds (10 kg) load
Termination Strength:	
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Reverse Voltage Protection:	To the maximum operating voltage.
Part Recognized By:	Underwriters Laboratory
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy:	10 years under normal operating conditions.
Warranty:	For a period of two years from the date of manufacture under normal operating conditions.

RoHS Also available RoHS Compliant — Add "R" to end of part number.

DIMENSIONS

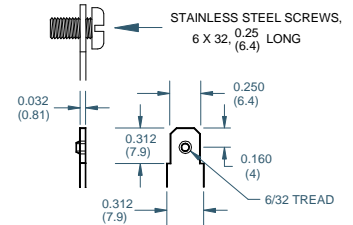


PANEL MOUNTING



FITS PANELS UP-TO
0.25 (6.3) THICK

"S" TERMINALS



DIMENSIONS ARE IN: INCHES (mm)
TOLERANCES ARE: ±0.03 (±0.76)
UNLESS OTHERWISE SPECIFIED.

Floyd Bell Inc
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

Revision: 03.12

XC-09-330-S

**Made in
USA**

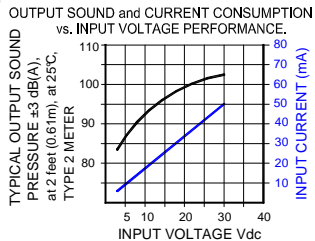


- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology

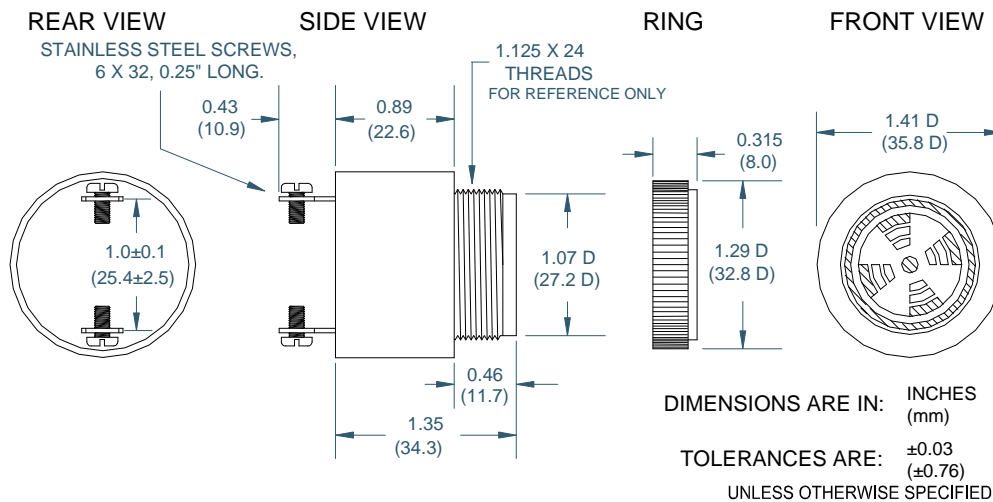
The XC-09-330-S is an extra loud output, panel mounted alarm for operating voltages of 3-30Vdc. The continuous tone has a typical sound pressure level of 103 dB(A) at maximum voltage. The terminals are standard 0.25" quick-connect blades with screws added for connection to wires with lugs.

SPECIFICATIONS

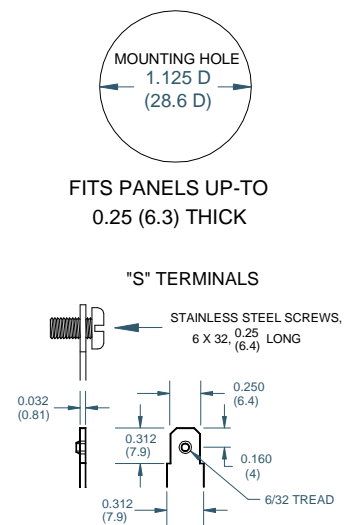
Operating Mode:	Extra Loud Continuous Tone
Operating Voltage:	3-30 Vdc
Nominal Operating Voltage:	30 Vdc
Operating Frequency:	2900±500 Hz.
Typical Operating Current:	6 mA at 3 Vdc 50 mA at 30 Vdc
Typical Sound Pressure:	82±5 dB(A), at 3 Vdc, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 30 Vdc, at 24 inches (61 cm), at 25°C.
Termination:	0.25 (6.3) Wide Quick Connect Blades with 0.25 (6.3) Long 6x32 Stainless Steel Screws
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Reverse Voltage Protection:	To the maximum operating voltage.
Part Recognized By:	Underwriters Laboratory
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy:	10 years under normal operating conditions.
Warranty:	For a period of two years from the date of manufacture under normal operating conditions.



DIMENSIONS



PANEL MOUNTING



Floyd Bell Inc
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

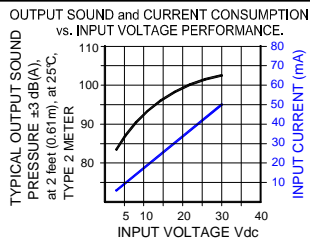
Revision: 03.12

XC-09-330-W

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology



The XC-09-330-W is an extra loud output, panel mounted alarm for operating voltages of 3-30VDC. The continuous tone has a typical sound pressure level of 103 dB(A) at maximum voltage. It is terminated with two 24AWG wires, 3" long, stripped 0.25".

SPECIFICATIONS

Operating Mode:	Extra Loud Continuous Tone
Operating Voltage:	3-30 Vdc
Nominal Operating Voltage:	30 Vdc
Operating Frequency:	2900±500 Hz.
Typical Operating Current:	6 mA at 3 Vdc 50 mA at 30 Vdc
Typical Sound Pressure:	82±5 dB(A), at 3 Vdc, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 30 Vdc, at 24 inches (61 cm), at 25°C.
Termination:	24AWG Wire, Tinned Copper, Vinyl Insulated, Red and Black
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Reverse Voltage Protection:	To the maximum operating voltage.
Part Recognized By:	Underwriters Laboratory
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)— 0.062" Thick, 60 Durometer Neoprene
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy:	10 years under normal operating conditions.
Warranty:	For a period of two years from the date of manufacture under normal operating conditions.

DIMENSIONS

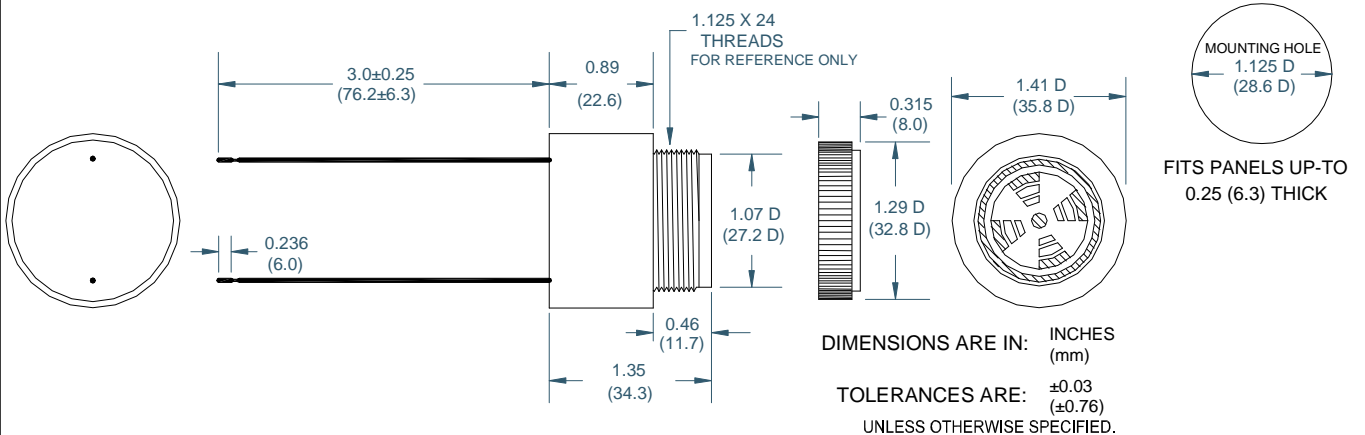
REAR VIEW

SIDE VIEW

RING

FRONT VIEW

PANEL MOUNTING



 **Floyd Bell Inc**
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

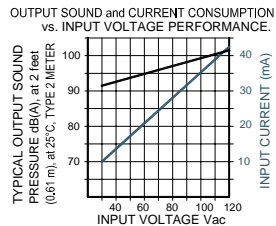
Revision: 03.12

XC-V09-201-Q

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology



The XC-V09-201-Q is a panel mounted alarm for operating voltages of 30-120VAC. The built-in volume control provides variable attenuation up to 20 dB(A) typically. The terminals are standard 0.25" quick-connect blades for push-on or direct solder attachment.

SPECIFICATIONS

Operating Mode: Extra Loud Continuous Tone
Operating Voltage: 30-120 Vac
Nominal Operating Voltage: 110 Vac
Operating Frequency: 2900±250 Hz.
Typical Operating Current: 10 mA at 30 Vac
 45 mA at 120 Vac

Typical Sound Pressure: With volume control fully open:
 92±5 dB(A), at 30 Vac, at 24 inches (61 cm), at 25°C
 103±5 dB(A), at 120 Vac, at 24 inches (61 cm), at 25°C.

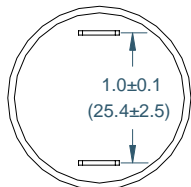
Termination: Quick Connect Blades, 0.25 (6.3) Width, 0.032 (0.8) Thickness
Termination Strength: Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature: -20°C to +65°C.
Storage Temperature: -40°C to +85°C.
Surge Voltage: 20% over maximum rated voltage for less than 5 minutes.
Part Recognized By: Underwriters Laboratory
Construction Materials: Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black
 Internal Circuit- Audio-oscillator and piezoelectric driver
 Potting- 2 parts epoxy resin or silicone, black
 Diaphragm- Stainless Steel 304
 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene

Environmental Durability: Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output
 Humidity- 95% relative humidity at +40°C continuously for 100 hours.
 Vibration- Withstands vibration between 0 and 55 Hz. on all axes.

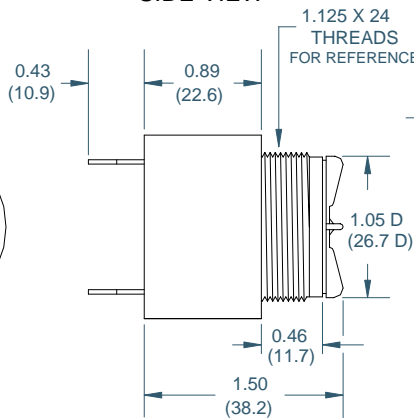
Life Expectancy: 10 years under normal operating conditions.
Warranty: For a period of two years from the date of manufacture under normal operating conditions.

DIMENSIONS

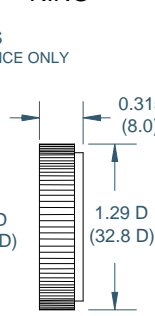
REAR VIEW



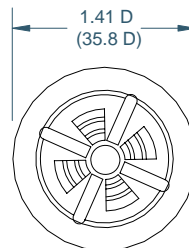
SIDE VIEW



RING

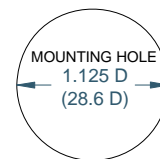


FRONT VIEW



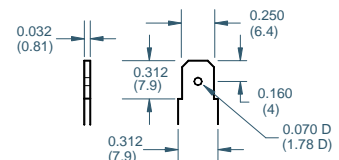
DIMENSIONS ARE IN: INCHES (mm)
 TOLERANCES ARE: ±0.03 (±0.76)
 UNLESS OTHERWISE SPECIFIED.

PANEL MOUNTING



FITS PANELS UP-TO 0.25 (6.3) THICK

"Q" TERMINALS



Floyd Bell Inc
 An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
 Tel: 888-FLOYD-BELL • Fax: 614/291-0823
 www.floydbell.com

Revision: 2.07

XC-V09-201-S

**Made in
USA**

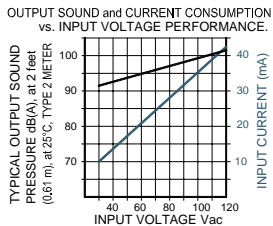


- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology

The XC-V09-201-S is a panel mounted alarm for operating voltages of 30-120VAC. The built-in volume control provides variable attenuation up to 20 dB(A) typically. The terminals are standard 0.25" quick-connect blades with screws added for connection to wires with lugs.

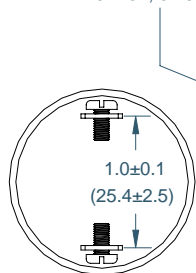
SPECIFICATIONS

Operating Mode:	Extra Loud Continuous Tone
Operating Voltage:	30-120 Vac
Nominal Operating Voltage:	110 Vac
Operating Frequency:	2900±250 Hz.
Typical Operating Current:	10 mA at 30 Vac 45 mA at 120 Vac
Typical Sound Pressure:	With volume control fully open: 92±5 dB(A), at 30 Vac, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 120 Vac, at 24 inches (61 cm), at 25°C.
Termination:	0.25 (6.3) Wide Quick Connect Blades with 0.25 (6.3) Long 6x32 Stainless Steel Screws
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Part Recognized By:	Underwriters Laboratory
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes. 10 years under normal operating conditions.
Life Expectancy:	For a period of two years from the date of manufacture under normal operating conditions.
Warranty:	

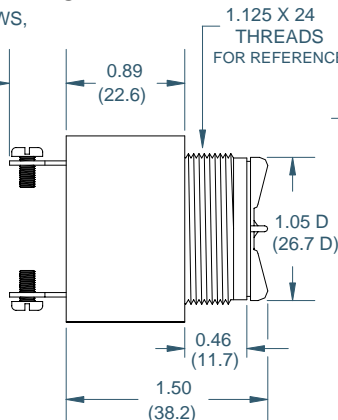


DIMENSIONS

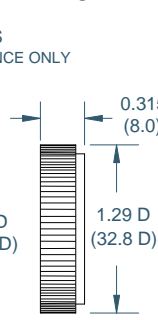
REAR VIEW
STAINLESS STEEL SCREWS,
6 X 32, 0.25" LONG.



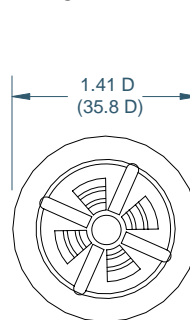
SIDE VIEW



RING

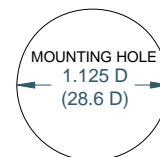


FRONT VIEW



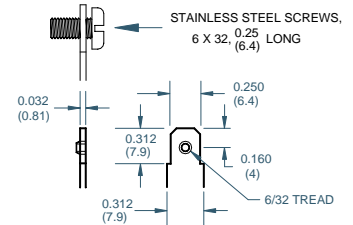
DIMENSIONS ARE IN: INCHES (mm)
TOLERANCES ARE: ±0.03 (±0.76)
UNLESS OTHERWISE SPECIFIED.

PANEL MOUNTING



FITS PANELS UP-TO
0.25 (6.3) THICK

"S" TERMINALS



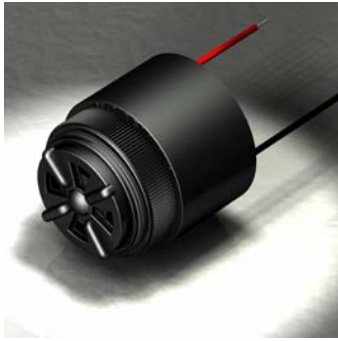
Floyd Bell Inc
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

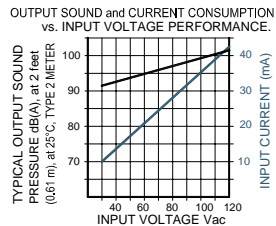
Revision: 2.07

XC-V09-201-W

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology

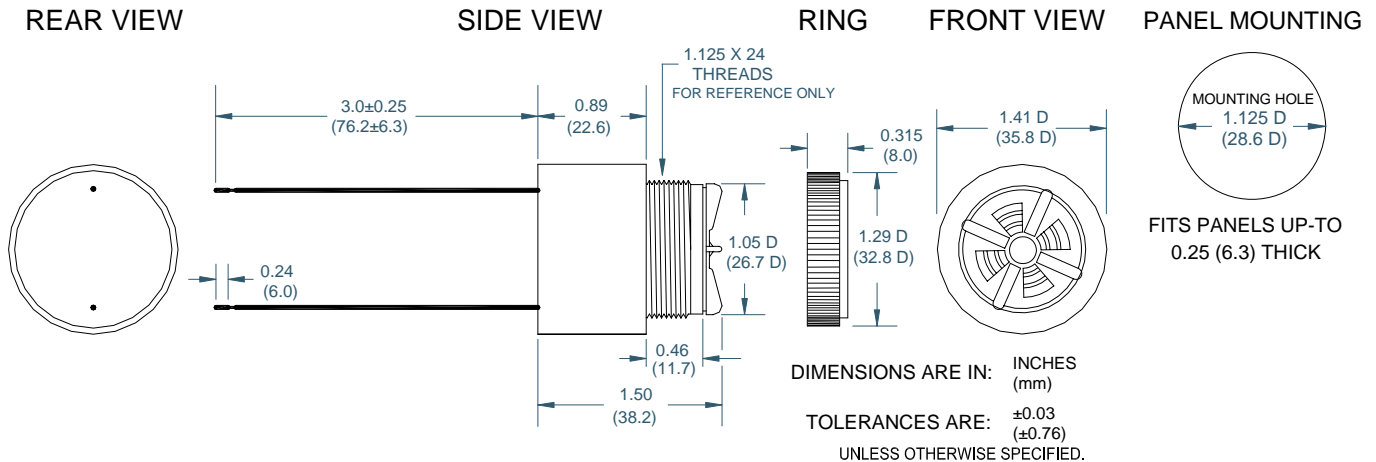


The XC-V09-201-W is a panel mounted alarm for operating voltages of 30-120VAC. The built-in volume control provides variable attenuation up to 20 dB(A) typically. It is terminated with two 24AWG wires, 3" long, stripped 0.25". The case is designed for panel mounting in a 1.125" hole with a knurled ring nut.

SPECIFICATIONS

Operating Mode:	Extra Loud Continuous Tone
Operating Voltage:	30-120 Vac
Nominal Operating Voltage:	110 Vac
Operating Frequency:	2900±250 Hz.
Typical Operating Current:	10 mA at 30 Vac 45 mA at 120 Vac
Typical Sound Pressure:	With volume control fully open: 92±5 dB(A), at 30 Vac, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 120 Vac, at 24 inches (61 cm), at 25°C.
Termination:	24AWG Wire, Tinned Copper, Vinyl Insulated, Red and Black
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Part Recognized By:	Underwriters Laboratory
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy:	10 years under normal operating conditions.
Warranty:	For a period of two years from the date of manufacture under normal operating conditions.

DIMENSIONS



 **Floyd Bell Inc**
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

Revision: 2.07

XC-V09-212-Q

**Made in
USA**

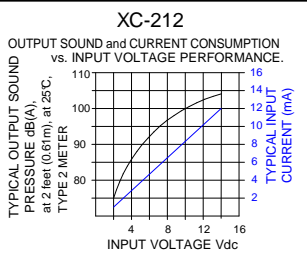


- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology

The XC-V09-212-Q is an extra loud output, panel mounted alarm for operating voltages of 2-12VDC. The built-in volume control provides variable attenuation up to 20 dB(A) typically. The terminals are standard 0.25" quick-connect blades for push-on or direct solder attachment.

SPECIFICATIONS

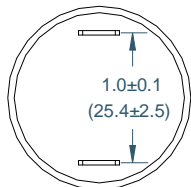
Operating Mode:	Extra Loud Continuous Tone
Operating Voltage:	2-12 Vdc
Nominal Operating Voltage:	12 Vdc
Operating Frequency:	2900±500 Hz.
Typical Operating Current:	1 mA at 2 Vdc, 5mA max 8 mA at 12 Vdc, 20mA max
Typical Sound Pressure:	With volume control fully open: 75±5 dB(A), at 2 Vdc, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 12 Vdc, at 24 inches (61 cm), at 25°C.
Termination:	Quick Connect Blades, 0.25 (6.3) Width, 0.032 (0.8) Thickness
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Reverse Voltage Protection:	To the maximum operating voltage.
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)— 0.062" Thick, 60 Durometer Neoprene
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy:	10 years under normal operating conditions.
Warranty:	For a period of two years from the date of manufacture under normal operating conditions.



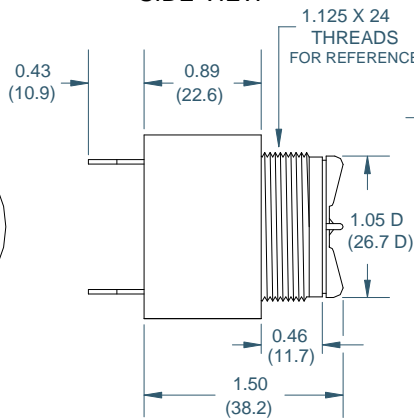
RoHS Also available RoHS Compliant — Add "R" to end of part number.

DIMENSIONS

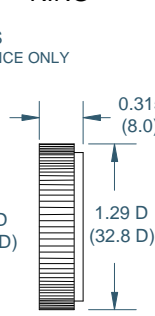
REAR VIEW



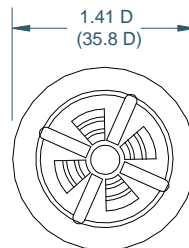
SIDE VIEW



RING

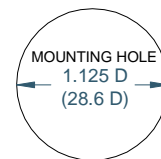


FRONT VIEW



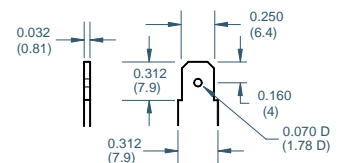
DIMENSIONS ARE IN: INCHES (mm)
TOLERANCES ARE: ±0.03 (±0.76)
UNLESS OTHERWISE SPECIFIED.

PANEL MOUNTING



FITS PANELS UP-TO 0.25 (6.3) THICK

"Q" TERMINALS



Floyd Bell Inc
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

Revision: 2.12

XC-V09-212-S

**Made in
USA**

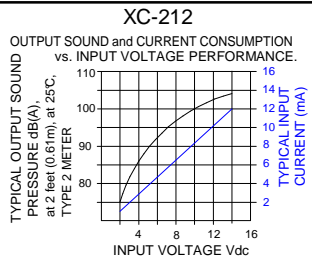


- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology

The XC-V09-212-S is an extra loud output, panel mounted alarm for operating voltages of 2-12VDC. The continuous tone has a typical sound pressure level of 103 dB(A) at maximum voltage. The built-in volume control provides variable attenuation up to 20 dB(A) typically.

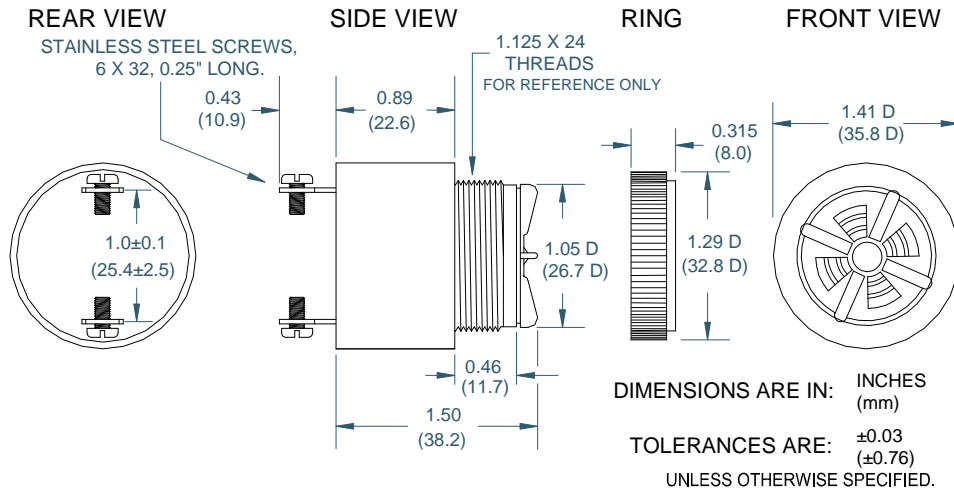
SPECIFICATIONS

Operating Mode:	Extra Loud Continuous Tone
Operating Voltage:	2-12 Vdc
Nominal Operating Voltage:	12 Vdc
Operating Frequency:	2900±500 Hz.
Typical Operating Current:	1 mA at 2 Vdc, 5mA max 8 mA at 12 Vdc, 20mA max
Typical Sound Pressure:	With volume control fully open: 75±5 dB(A), at 2 Vdc, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 12 Vdc, at 24 inches (61 cm), at 25°C.
Termination:	Quick Connect Blades, 0.25 (6.3) Width, 0.032 (0.8) Thickness
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Reverse Voltage Protection:	To the maximum operating voltage.
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)— 0.062" Thick, 60 Durometer Neoprene
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy:	10 years under normal operating conditions.
Warranty:	For a period of two years from the date of manufacture under normal operating conditions.

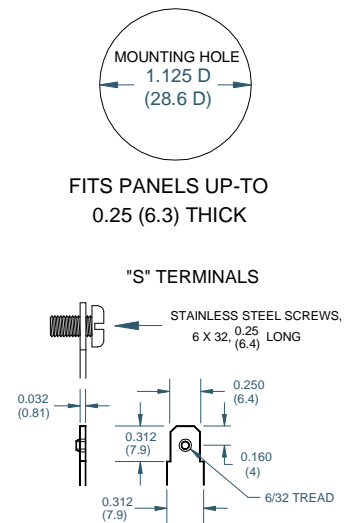


RoHS Also available RoHS Compliant — Add "R" to end of part number.

DIMENSIONS



PANEL MOUNTING



Floyd Bell Inc
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

Revision: 2.12

XC-V09-212-W

**Made in
USA**

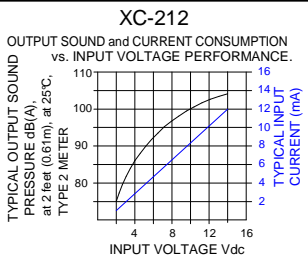


- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology

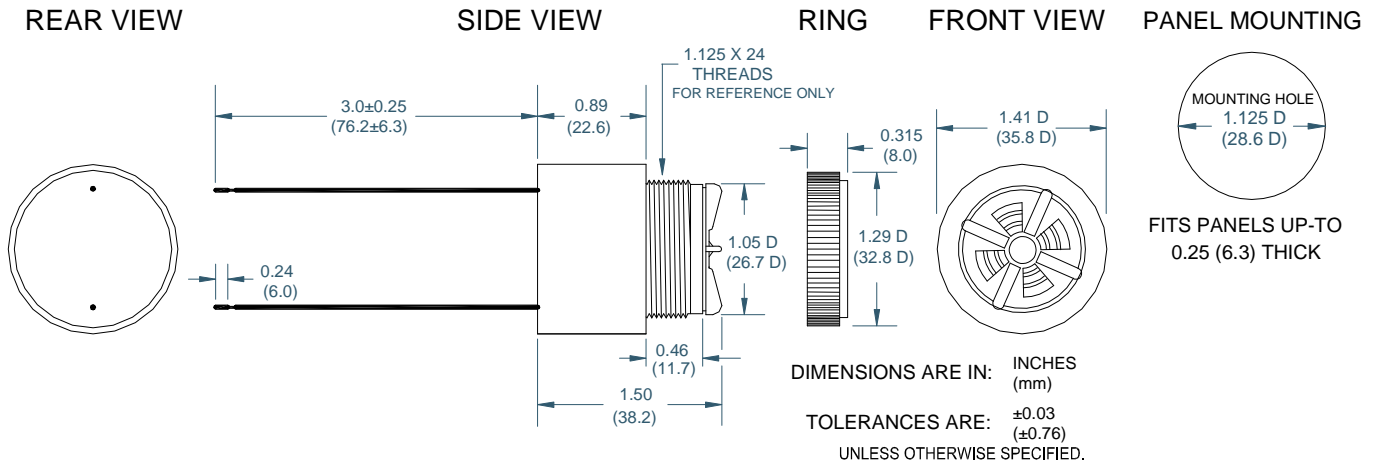
The XC-V09-212-W is an extra loud output, continuous tone, panel mounted alarm for operating voltages of 2-12VDC. The built-in volume control provides variable attenuation up to 20 dB(A) typically. It is terminated with two 24AWG wires, 3" long, stripped 0.25". The case is designed for panel mounting in a 1.125" hole.

SPECIFICATIONS

Operating Mode:	Extra Loud Continuous Tone
Operating Voltage:	2-12 Vdc
Nominal Operating Voltage:	12 Vdc
Operating Frequency:	2900±500 Hz.
Typical Operating Current:	1 mA at 2 Vdc, 5mA max 8 mA at 12 Vdc, 20mA max
Typical Sound Pressure:	With volume control fully open: 75±5 dB(A), at 2 Vdc, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 12 Vdc, at 24 inches (61 cm), at 25°C.
Termination:	Quick Connect Blades, 0.25 (6.3) Width, 0.032 (0.8) Thickness
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Reverse Voltage Protection:	To the maximum operating voltage.
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)— 0.062" Thick, 60 Durometer Neoprene
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy:	10 years under normal operating conditions.
Warranty:	For a period of two years from the date of manufacture under normal operating conditions.



DIMENSIONS



 **Floyd Bell Inc**
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

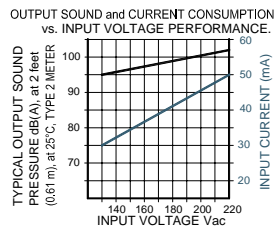
Revision: 2.12

XC-V09-301-Q

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology



The XC-V09-301-Q is a panel mounted alarm for operating voltages of 130-220VAC. The built-in volume control provides variable attenuation up to 20 dB(A) typically. The terminals are standard 0.25" quick-connect blades for push-on or direct solder attachment.

SPECIFICATIONS

Operating Mode: Extra Loud Continuous Tone
Operating Voltage: 130-220 Vac
Nominal Operating Voltage: 220 Vac
Operating Frequency: 2900±250 Hz.
Typical Operating Current: 30 mA at 130 Vac
 50 mA at 220 Vac

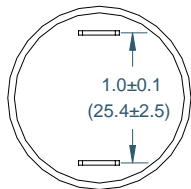
Typical Sound Pressure: With volume control fully open:
 95±5 dB(A), at 130 Vac, at 24 inches (61 cm), at 25°C
 103±5 dB(A), at 220 Vac, at 24 inches (61 cm), at 25°C.

Termination: Quick Connect Blades, 0.25 (6.3) Width, 0.032 (0.8) Thickness
Termination Strength: Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature: -20°C to +65°C.
Storage Temperature: -40°C to +85°C.
Surge Voltage: 20% over maximum rated voltage for less than 5 minutes.
Part Recognized By: Underwriters Laboratory
Construction Materials: Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black
 Internal Circuit- Audio-oscillator and piezoelectric driver
 Potting- 2 parts epoxy resin or silicone, black
 Diaphragm- Stainless Steel 304
 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene

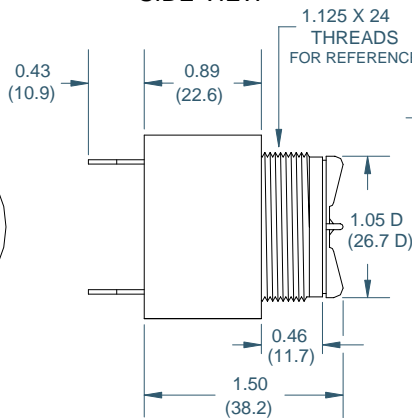
Environmental Durability: Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output
 Humidity- 95% relative humidity at +40°C continuously for 100 hours.
 Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy: 10 years under normal operating conditions.
Warranty: For a period of two years from the date of manufacture under normal operating conditions.

DIMENSIONS

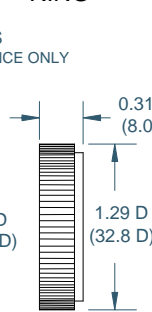
REAR VIEW



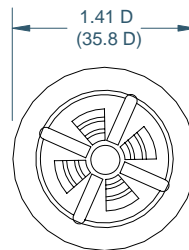
SIDE VIEW



RING

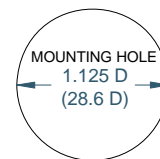


FRONT VIEW



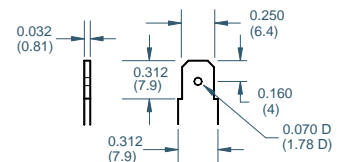
DIMENSIONS ARE IN: INCHES (mm)
 TOLERANCES ARE: ±0.03 (±0.76)
 UNLESS OTHERWISE SPECIFIED.

PANEL MOUNTING



FITS PANELS UP-TO 0.25 (6.3) THICK

"Q" TERMINALS



Floyd Bell Inc
 An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
 Tel: 888-FLOYD-BELL • Fax: 614/291-0823
 www.floydbell.com

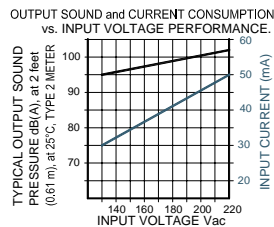
Revision: 2.07

XC-V09-301-S

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology



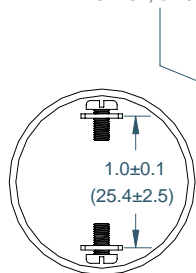
The XC-V09-301-S is a panel mounted alarm for operating voltages of 130-220VAC. The built-in volume control provides variable attenuation up to 20 dB(A) typically. The terminals are standard 0.25" quick-connect blades with screws added for connection to wires with lugs.

SPECIFICATIONS

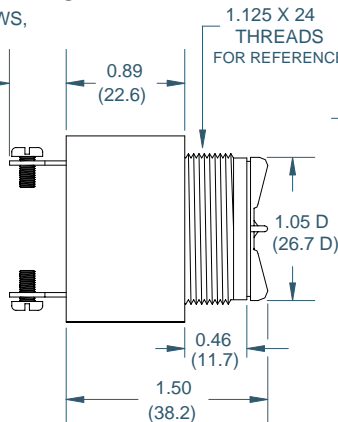
Operating Mode:	Extra Loud Continuous Tone
Operating Voltage:	130-220 Vac
Nominal Operating Voltage:	220 Vac
Operating Frequency:	2900±250 Hz.
Typical Operating Current:	30 mA at 130 Vac 50 mA at 220 Vac
Typical Sound Pressure:	With volume control fully open: 95±5 dB(A), at 130 Vac, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 220 Vac, at 24 inches (61 cm), at 25°C.
Termination:	0.25 (6.3) Wide Quick Connect Blades with 0.25 (6.3) Long 6x32 Stainless Steel Screws
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Part Recognized By:	Underwriters Laboratory
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy:	10 years under normal operating conditions.
Warranty:	For a period of two years from the date of manufacture under normal operating conditions.

DIMENSIONS

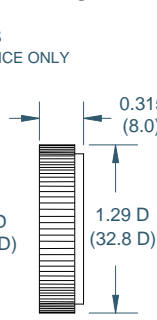
REAR VIEW
STAINLESS STEEL SCREWS,
6 X 32, 0.25" LONG.



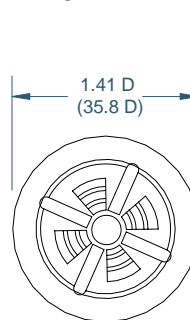
SIDE VIEW



RING

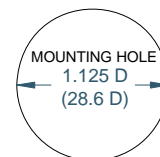


FRONT VIEW



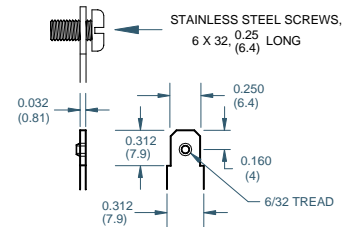
DIMENSIONS ARE IN: INCHES (mm)
TOLERANCES ARE: ±0.03 (±0.76)
UNLESS OTHERWISE SPECIFIED.

PANEL MOUNTING



FITS PANELS UP-TO
0.25 (6.3) THICK

"S" TERMINALS



Floyd Bell Inc
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

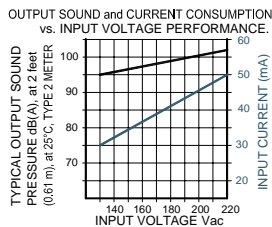
Revision: 2.07

XC-V09-301-W

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology



The XC-V09-301-W is a panel mounted alarm for operating voltages of 130-220VAC. The built-in volume control provides variable attenuation up to 20 dB(A) typically. It is terminated with two 24AWG wires, 3" long, stripped 0.25". The case is designed for panel mounting in a 1.125" hole with a knurled ring nut.

SPECIFICATIONS

Operating Mode: Extra Loud Continuous Tone
Operating Voltage: 130-220 Vac
Nominal Operating Voltage: 220 Vac
Operating Frequency: 2900±250 Hz.
Typical Operating Current: 30 mA at 130 Vac
 50 mA at 220 Vac

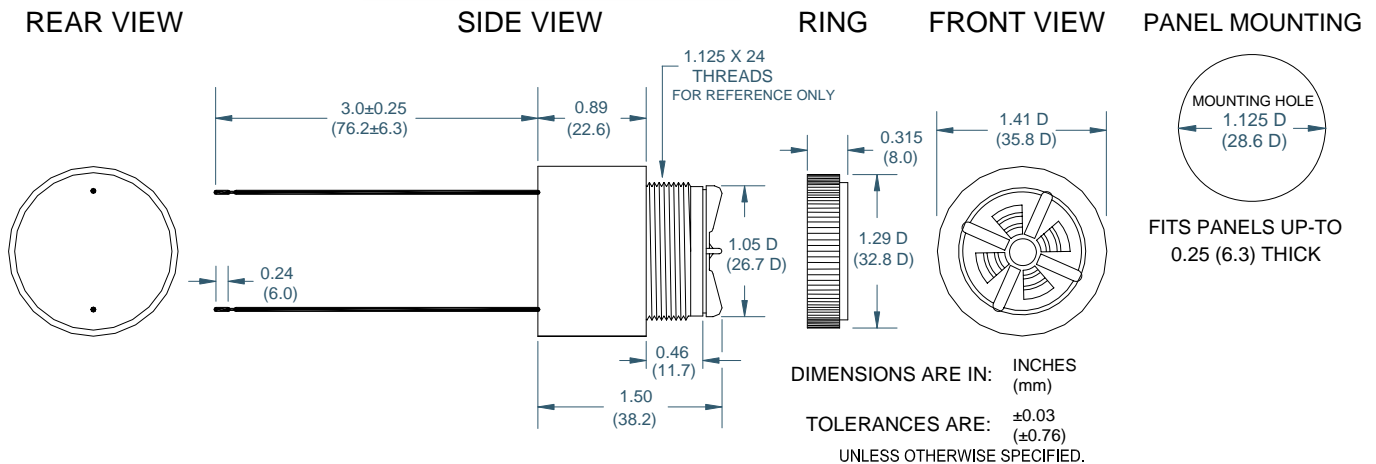
Typical Sound Pressure: With volume control fully open:
 95±5 dB(A), at 130 Vac, at 24 inches (61 cm), at 25°C
 103±5 dB(A), at 220 Vac, at 24 inches (61 cm), at 25°C.

Termination: 24AWG Wire, Tinned Copper, Vinyl Insulated, Red and Black
Termination Strength: Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature: -20°C to +65°C.
Storage Temperature: -40°C to +85°C.
Surge Voltage: 20% over maximum rated voltage for less than 5 minutes.
Part Recognized By: Underwriters Laboratory
Construction Materials: Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black
 Internal Circuit- Audio-oscillator and piezoelectric driver
 Potting- 2 parts epoxy resin or silicone, black
 Diaphragm- Stainless Steel 304
 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene

Environmental Durability: Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output
 Humidity- 95% relative humidity at +40°C continuously for 100 hours.
 Vibration- Withstands vibration between 0 and 55 Hz. on all axes.

Life Expectancy: 10 years under normal operating conditions.
Warranty: For a period of two years from the date of manufacture under normal operating conditions.

DIMENSIONS



Floyd Bell Inc
 An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
 Tel: 888-FLOYD-BELL • Fax: 614/291-0823
 www.floydbell.com

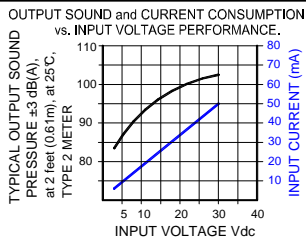
Revision: 2.07

XC-V09-330-Q

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology



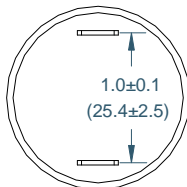
The XC-V09-330-Q is an extra loud output, panel mounted alarm for operating voltages of 3-30Vdc. The continuous tone has a typical sound pressure level of 103 dB(A) at maximum voltage. The built-in volume control provides variable attenuation up to 20 dB(A) typically.

SPECIFICATIONS

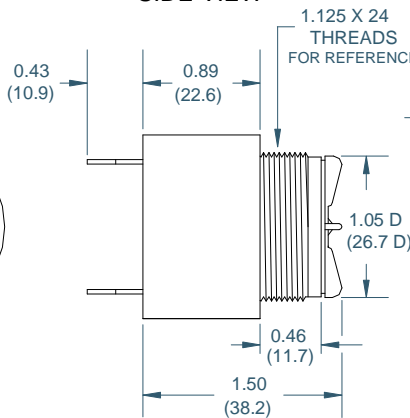
Operating Mode:	Extra Loud Continuous Tone
Operating Voltage:	3-30 Vdc
Nominal Operating Voltage:	30 Vdc
Operating Frequency:	2900 \pm 500 Hz.
Typical Operating Current:	6 mA at 3 Vdc 50 mA at 30 Vdc
Typical Sound Pressure:	With volume control fully open: 82 \pm 5 dB(A), at 3 Vdc, at 24 inches (61 cm), at 25°C 103 \pm 5 dB(A), at 30 Vdc, at 24 inches (61 cm), at 25°C.
Termination:	Quick Connect Blades, 0.25 (6.3) Width, 0.032 (0.8) Thickness
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Reverse Voltage Protection:	To the maximum operating voltage.
Part Recognized By:	Underwriters Laboratory
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes. 10 years under normal operating conditions. For a period of two years from the date of manufacture under normal operating conditions.
Environmental Durability:	
Life Expectancy:	
Warranty:	

DIMENSIONS

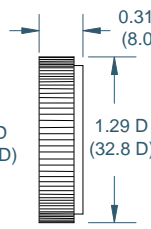
REAR VIEW



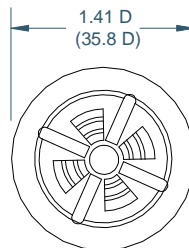
SIDE VIEW



RING

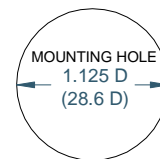


FRONT VIEW



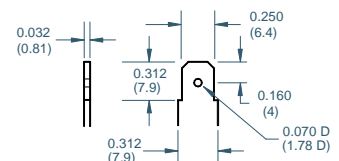
DIMENSIONS ARE IN: INCHES (mm)
TOLERANCES ARE: ± 0.03 (± 0.76)
UNLESS OTHERWISE SPECIFIED.

PANEL MOUNTING



FITS PANELS UP-TO 0.25 (6.3) THICK

"Q" TERMINALS



 **Floyd Bell Inc**
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

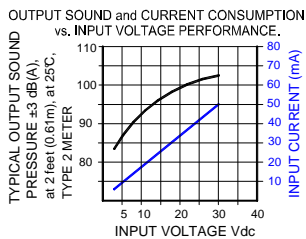
Revision: 03.12

XC-V09-330-S

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology

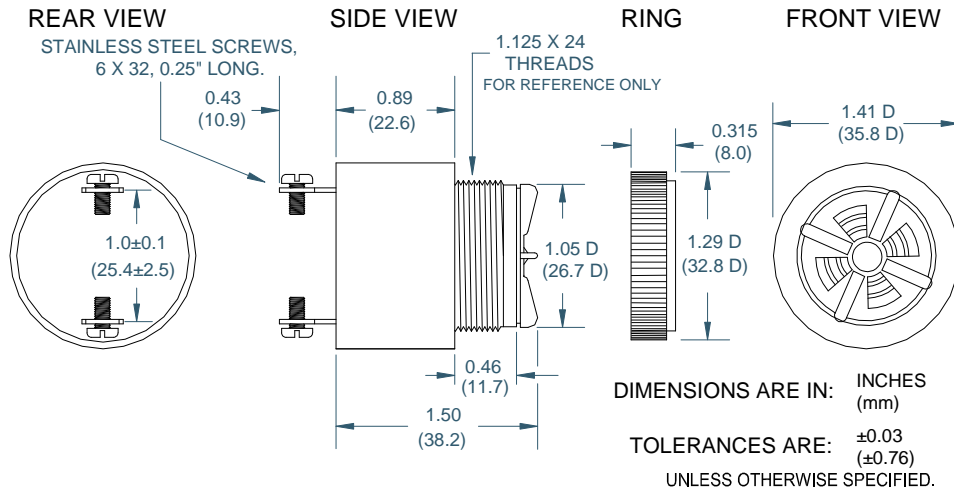


The XC-V09-330-S is an extra loud output, panel mounted alarm for operating voltages of 3-30VDC. The continuous tone has a typical sound pressure level of 103 dB(A) at maximum voltage. The built-in volume control provides variable attenuation up to 20 dB(A) typically.

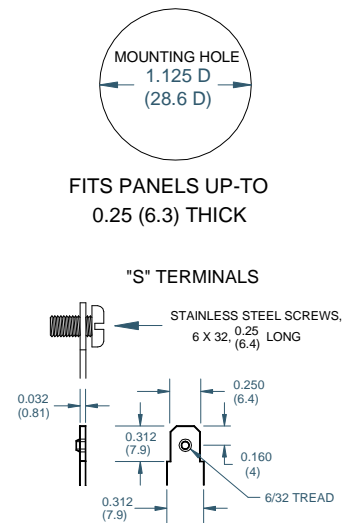
SPECIFICATIONS

Operating Mode:	Extra Loud Continuous Tone
Operating Voltage:	3-30 Vdc
Nominal Operating Voltage:	30 Vdc
Operating Frequency:	2900±500 Hz.
Typical Operating Current:	6 mA at 3 Vdc 50 mA at 30 Vdc
Typical Sound Pressure:	With volume control fully open: 82±5 dB(A), at 3 Vdc, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 30 Vdc, at 24 inches (61 cm), at 25°C.
Termination:	0.25 (6.3) Wide Quick Connect Blades with 0.25 (6.3) Long 6x32 Stainless Steel Screws Pull test with a maximum of 22 pounds (10 kg) load
Termination Strength:	-20°C to +65°C.
Operating Temperature:	-40°C to +85°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Reverse Voltage Protection:	To the maximum operating voltage.
Part Recognized By:	Underwriters Laboratory
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)- 0.062" Thick, 60 Durometer Neoprene
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy:	10 years under normal operating conditions.
Warranty:	For a period of two years from the date of manufacture under normal operating conditions.

DIMENSIONS



PANEL MOUNTING



Floyd Bell Inc
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

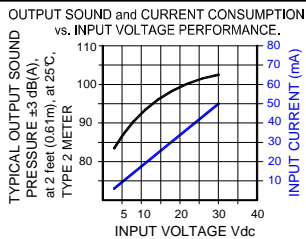
Revision: 03.12

XC-V09-330-W

**Made in
USA**



- Durable Stainless Steel 304 Diaphragm
- Epoxy Encapsulated Electronics
- UL Approved
- NEMA 4X Certified with Optional Gasket
- Reliable Piezoelectric Technology

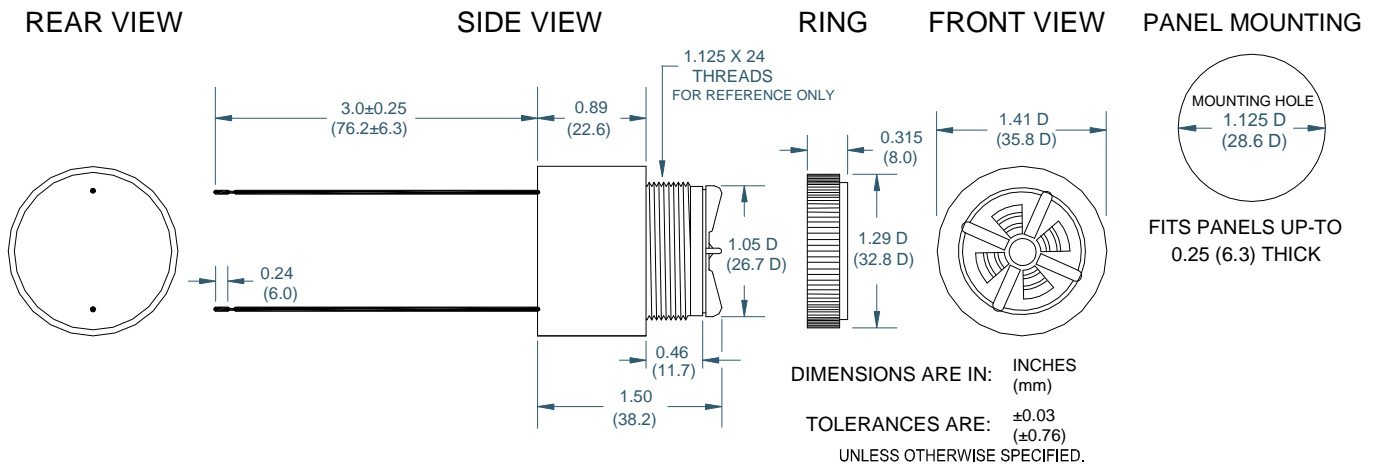


The XC-V09-330-W is an extra loud output, continuous tone, panel mounted alarm for operating voltages of 3-30VDC. The built-in volume control provides variable attenuation up to 20 dB(A) typically. It is terminated with two 24AWG wires, 3" long, stripped 0.25".

SPECIFICATIONS

Operating Mode:	Extra Loud Continuous Tone
Operating Voltage:	3-30 Vdc
Nominal Operating Voltage:	30 Vdc
Operating Frequency:	2900±500 Hz.
Typical Operating Current:	6 mA at 3 Vdc 50 mA at 30 Vdc
Typical Sound Pressure:	With volume control fully open: 82±5 dB(A), at 3 Vdc, at 24 inches (61 cm), at 25°C 103±5 dB(A), at 30 Vdc, at 24 inches (61 cm), at 25°C.
Termination:	24AWG Wire, Tinned Copper, Vinyl Insulated, Red and Black
Termination Strength:	Pull test with a maximum of 22 pounds (10 kg) load
Operating Temperature:	-20°C to +65°C.
Storage Temperature:	-40°C to +85°C.
Surge Voltage:	20% over maximum rated voltage for less than 5 minutes.
Reverse Voltage Protection:	To the maximum operating voltage.
Part Recognized By:	Underwriters Laboratory
Construction Materials:	Case- Plastic "NORYL® N-190", Flame Retardant UL 94-VO, Black Internal Circuit- Audio-oscillator and piezoelectric driver Potting- 2 parts epoxy resin or silicone, black Diaphragm- Stainless Steel 304 Gasket (Sold Separately)— 0.062" Thick, 60 Durometer Neoprene
Environmental Durability:	Salt Spray- Withstand exposure to salt spray per ASTM B117 for a period of 300 hours with no decrease in sound output Humidity- 95% relative humidity at +40°C continuously for 100 hours. Vibration- Withstands vibration between 0 and 55 Hz. on all axes.
Life Expectancy:	10 years under normal operating conditions.
Warranty:	For a period of two years from the date of manufacture under normal operating conditions.

DIMENSIONS



 **Floyd Bell Inc**
An ISO 9001:2000 Registered Company

720 Dearborn Park Lane • Columbus, OH 43085
Tel: 888-FLOYD-BELL • Fax: 614/291-0823
www.floydbell.com

Revision: 03.12

