

Horns

Vibrating

870EX Series

The 870EX Series vibrating horns are heavy-duty, explosion-proof, high decibel horns designed for use in hazardous locations.

Diode polarized versions are also available. They are intended for use in hazardous locations requiring electrical supervision of signaling circuit field wiring. May also be used for unsupervised signaling applications.

Two mounting brackets are provided on either side of the unit for wall mounting. The housing is tapped on one side for 3/4" conduit to allow for field wiring installation.

Features and Specifications

- Corrosion resistant heat flowed epoxy finish
- Low current drain
- Operating voltage range -20% to +10% of nominal voltage
- Power connection wires embedded in sealing compound
- Not recommended for temperatures below 25°F (-3.9°C)
- Diode Polarized versions
- NEMA Type 4X rated
- UL listed for Class I, Div. 1 and 2, Groups B, C and D; Class II, Div. 1 and 2, Groups E, F and G; and Class III locations



Ordering Information

Description	Cat. No.	Operating Voltage ²	Current	VA	Average dB at 1m/10ft. ¹	DC Coil Res (Ohms)
AC	878EX-E5	12V AC	1.25 A	15	110/100	1.45
	878EX-G5	24V AC	0.625 A	15	110/100	5.2
	878EX-N5	120V AC	0.13 A	15	110/100	150.0
	878EX-R5	240V AC	0.065 A	15.6	110/100	580.0
DC	879EX-C1	6V DC	0.70 A	4.2	107/97	1.4
	879EX-E1	12V DC	0.27 A	3.2	107/97	6.0
	879EX-G1	24V DC	0.16 A	3.8	107/97	24.0
	879EXP-G1 ³	24V DC	0.16 A	3.8	107/97	24.0
	879EX-J1	32V DC	0.13 A	3.2	107/97	40.0
	879EX-K1	48V DC	0.07 A	3.4	107/97	96.0
	879EX-P1	125V DC	0.025 A	3.1	107/97	600.0
AC, Diode Polarized	878DEX-N5	120V AC	0.165 A	19.8	110/100	150.0
DC, Diode Polarized	879DEX-G1 ⁴	24V DC	0.16 A	3.8	107/97	20.0

¹Measured in an anechoic chamber.

²AC voltage frequency is 50/60 Hz.

³ATEX approved.

⁴Diode Polarized version available in red, order 889D-AW.



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Weights and Dimensions

Cat. No.	Approx. Net Weight (lb.)	Approx. Shipping Weight (lb.)
878EX-E5	7.10	8.38
878EX-G5	7.10	8.38
878EX-N5	7.10	8.38
878EX-R5	7.10	8.38
879EX-C1	7.10	8.38
879EX-E1	7.10	8.38
879EX-G1	7.10	8.38
879EXP-G1	7.10	8.38
879EX-J1	7.10	8.38
879EX-K1	7.10	8.38
879EX-P1	7.10	8.38
878DEX-N5	7.10	8.38
879DEX-G1	7.10	8.38

