

DB3BM range-up to 106dB

Hazardous & ordinary locations



Overview

The DB3BM is a high power metallic explosion proof sounder. Certified for use in a wide range of temperatures from -76°F to +185°F, the Ex enclosure is manufactured in either marine grade alloy or stainless steel with a rugged thermoplastic flare providing a corrosion free and aesthetically pleasing product.

Capable of producing 106 dB @ 10 feet and with a range of pre-recorded tones, the DB3BM includes an integral volume control which is ideal when a lower output is required.

The unit is provided with versatile control options allowing compatibility with a wide range of control methods and PLCs.

The standard DC unit provides 3 tone stages, each stage has 28 tones available which can be independently selected. The unit can be controlled by reversing the polarity of the power supply (2 stage) or providing a common negative and switching between multiple positive supplies.

Features

- UL certified for USA and Canada
Class I, Div 1, Groups A, B, C & D
Canada B, C & D
Class I, Div 2, Groups A, B, C & D
Class I, Zone 1
Class II, Div 2, Groups F & G
Zone 21
Class III, Div. 2
Fire alarm and general use
- Certified temperature -60°C to +85°C (-76°F to + 185°F)
- SIL 2 certified
- IP66 & IP67
- Up to 106dB output @ 10 feet
- Integral volume control
- 28 tones, user selectable
- 3 stage unit remotely switchable
- Tones can be programmed to customer's specification
- DC supply voltage between 12V and 48V
- End of line resistor option
- Horn and strobe combination units available, for further details contact MEDC
- Ex enclosure - 316L stainless steel or LM25TF marine grade alloy
- Flare - high impact thermoplastic polyester
- Stainless steel mounting bracket and cover screws
- Mounting bracket has ratchet facility as standard
- Optional swivel bracket available

The DB3BM proves its versatility by additionally being able to work with a common positive supply and switching the negatives. The tone stages of the DB3BM can also be controlled via voltage free contacts provided by a control panel.

The flexibility of the range continues with a wide range of supply voltages. The short flare option is a worthy addition to the range offering a high SPL in a compact unit.



