

DB3B sounders range up to 122dB

Ex d(e), weatherproof



Overview

The DB3B is a high power explosion proof sounder, introduced as a replacement for the current DB3 with improved functionality and performance.

Certified for use in a wide range of temperatures from -55°C to +85°C the Ex enclosure is manufactured from GRP with a rugged thermoplastic flare providing a corrosion free and aesthetically pleasing product.

Capable of producing 122dB @ 1m and with a range of pre-recorded tones, the DB3B 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.

The DB3B proves its versatility by additionally being able to work with a common positive supply and switching the negatives. The tone stages of the DB3B 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.

Features

- Ex d / Ex de IIC/IICT4/T5/T6
- ATEX certified
- IECEx certified
- UL certified for USA and Canada
 - Class I, Div 2, Groups A-D
 - Class I, Zone 1
 - Class II, Div 2, Groups F & G
 - Zone 21
 - Class III, Div. 1
 - Fire alarm and general use
- TR CU certified
- CCC certified
- CCOE certified
- Chinese Compulsory Certification for Fire systems (CCCF) certified
- INMETRO certified
- SIL 1 certified
- EN54-3 certified and LPCB approved
- Certified temperature: -55°C to +85°C (model dependent)
- IP66 & IP67/NEMA 4X & 6 (EN54-3, IP33C)
- Optional Ex e terminal chamber
- Up to 122dB output @ 1m
- 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. EN54-3 between 11V and 57.6V absolute
- End of line resistor option
- Sounder & beacon combination units available, for further details contact MEDC
- Ex enclosure - glass reinforced polyester
- Flare - high impact thermoplastic polyester
- Stainless steel mounting bracket and cover screws
- Mounting bracket has ratchet facility as standard
- Optional swivel bracket available



Short flare version



