Intrinsically Safe (Exia)



Introduction

This range of lightweight, intrinsically safe Sounders have been designed with a high weatherproof rating to cope with the harsh environmental conditions found offshore and onshore in the oil, gas and petrochemical industries. The DB5 can also be used in the mining industry.

The unit is available in 2 models: 12V and 24V.

Features

- Zone 0, Zone 1 and Zone 2 use.
- Ex ia IIC T4.
- ATEX/IECEx certified (Group II Surface).
- ATEX/IECEx certified (Group I Mining).
- IECEx certified, Ga.
- FM Approved Class I, Div. 1, Groups A-D.
- CSA certified.
- Brazilian (Inmetro) certified.
- IP65
- Certified temperature: -20°C to +55°C.
- Volume control as standard.
- Up to 103 dB(A).
- 26 different sound outputs, user selectable by internal switches.
- Encapsulated electronics.
- Second tone selectable using third wire.



Certification and Specification

Cert. no. BASOOATEX1259X. ATEX Ex ia:

(Surface) Certified to: EN60079-0, EN60079-11, EN60079-26.

Fx ia IIC T4 Ga.

ATEX Ex ia: Cert. no. Baseefa10Y0054. (Surface sys) Certified to: EN60079-25. Ex ia IIC T4 Ga.

Cert. no. MECS01ATEX4260. ATEX Ex ia:

Certified to: EN50014, EN50020, EN50303. (Mining)

IM 1, EEx ia I. Cert. no. 94Y7095 ATEX Ex ia: (Mining sys) Certified to: EN50039.

Ex ia I.

Cert. no. IECEx BAS 08.0043x. IECEx Ex ia:

(Surface) Certified to: IEC60079-0, IEC60079-11, IEC60079-26.

Ex ia IIC T4 Ga.

IECEx Ex ia: Cert. no. IECEx ITA 15.0010X. Certified to: IEC60079-0, IEC60079-11. (Mining)

Ex ia I Ma.

Job indentification, 3008604 FM:

Intrinsically safe for: Class I division 1 groups A, B, C & D

Ex ia I Ma.

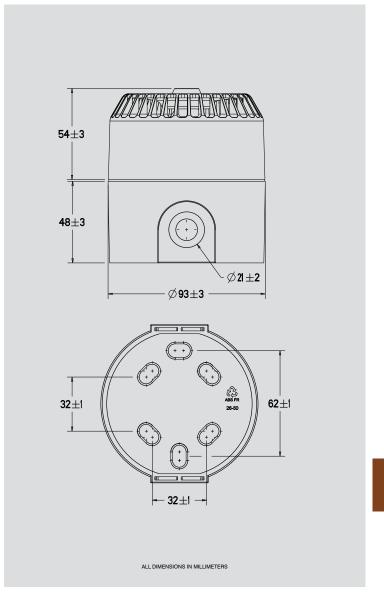
CSA: Cert. no. 1136420 (LR 79122-1)

Certified to: CAN/CSA C22.2 No's. 0-M91, 142-M1987, 157-92

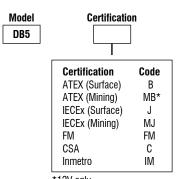
Class I groups A, B, C & D

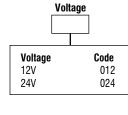
ABS: American Bureau of Shipping type approval. A.B.S. (Acrylonitrile Butadiene Styrene). Material: Finish: Available in Red as standard. **Sound Output:** 100 ± 3dB(A) for 12V and 24V versions. Typical max value only – variable with tone. Tones comply with BS 5839 Part 1. Current Consumption: 24V model – 14 mA max. nominal. 12V model - 12 mA max. nominal.

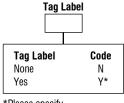
Certified Temp: -20°C to +55°C Weight: 0.3kg. **Entries:** 2 x M20 side entries. 6 off suitable to accept up to 2.5mm2 cable, for looping. Terminals:

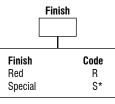


Ordering Requirements The following code is designed to help in selection of the correct unit. Build up the reference number by inserting the code for each component into the appropriate box.









*Please specify.

^{*}Please specify.