Intrinsically Safe (Exia), Weatherproof

Features

- Zone 0, Zone 1 and Zone 2 use.
- Ex ia IIC T4.
- ATEX approved Ex II 1G & Ex 1 M1.
- BASEEFA certified.
- 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.

Introduction

This range of light weight, 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.

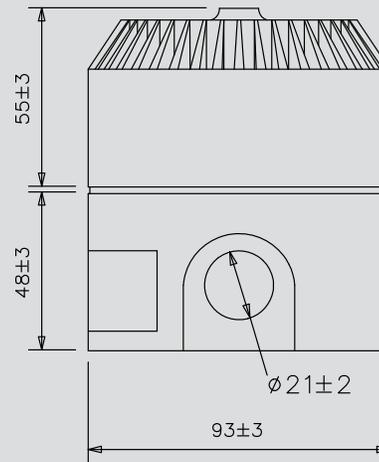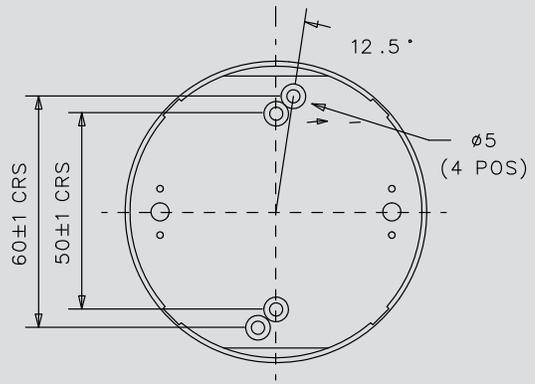The unit is available in 2 models: 12V and 24V.

Authorized Distributor:
GasDetectorsUSA.com
Houston, TX USA
832-615-3588
sales@GasDetectorsUSA.com

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Specification

Certification:	Certified to IEC60079-0, IEC60079-11, IEC60079-26 Certified to EN60079-0, EN60079-11, EN60079-26 ATEX Cert. No. BAS00ATEX1259X Ex II 1 G Ex ia IIC T4 Ga System Cert. No. (BAS no.) Ex 01E2024 HSE(M) to EN50014, EN50020 and EN50303. Exia 1 Cert. No. MECS01ATEX4260 (unit) and 94Y7095 (system). IECEx BAS 08.0043x Exia IIC T4 Ga FM Approved to Class 1, Div 1 groups A, B, C and D. J.I. 3008604. Refer to FM Datasheet at rear of catalogue for complete information. CSA to C22.2 Nos. 0, 0.4, 0.5, 25, 30, 205. Class 1 groups A, B, C and D. Cert. No. 79122. Brazilian (Inmetro) certified BR-Ex ia IIC T4 American Bureau of Shipping Type Approval.
Material:	A.B.S. (Acrylonitrile Butadiene Styrene).
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:	Up to 1 x M21 Ø hole on each side via knockouts or 1 x M21 Ø rear.
Terminals:	6 off suitable to accept up to 2.5mm^2 cable, for looping.

ALL DIMENSIONS IN MILLIMETERS

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. **Standard products available ex-stock. Please visit www.coopermedc.com for further details.**

Model	Certification		Voltage		Tag Label		Finish	
DB5								

Certification	**Code**
BASEEFA GP 1	M*
BASEEFA GP 2	B
IECEx	J
FM	FM
CSA	C
Inmetro	IM

* 12V only

Voltage	**Code**
12V	012
24V	024

Tag Label	**Code**
None	N
Yes	Y*

*Please specify.

Finish	**Code**
Red	R
Special	S*

*Please specify.

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