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SOUNDERS – Up to 103 dB(A) Intrinsically Safe (EExia), Weatherproof DB5 Range

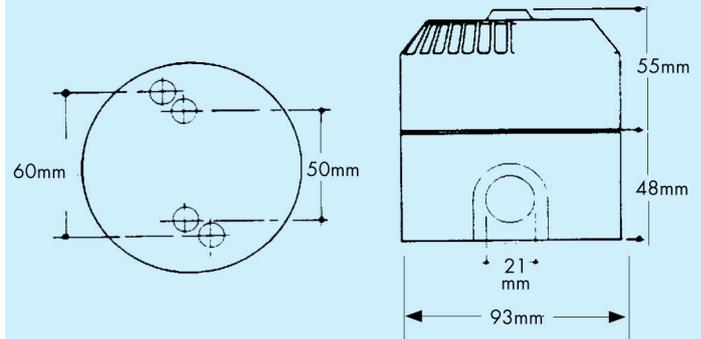
This range of light weight, intrinsically safe Sounders has been designed with a high weatherproof rating to cope with the harsh environmental conditions found offshore and onshore in the oil, gas and petrochemical industries.

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

- Zone 0, Zone 1 and Zone 2 use.
- EEx ia 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 $+55^{\circ}\text{C}$.
- 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.



DIMENSIONAL DRAWING



Specification

Certification:	<ol style="list-style-type: none"> 1. 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 II T4 Ga. System Cert. No. (BAS no.) Ex 01E2024 2. HSE(M) to EN50014 EN50020 and EN50303. EExia 1 Cert. No. MEC-S01ATEX4260 (unit) and 94Y7095 (system). 3. FM Approved to Class1, Div1 groups A, B, C and D. J.I. 3008604. Refer to FM Datasheet at rear of catalogue for complete information. 4. CSA to C22.2 Nos. 0, 0.4, 0.5, 25, 30, 205. Class 1 groups A, B, C and D. Cert. No. 79122. 5. 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.
Certified Temperature:	-20°C to $+55^{\circ}\text{C}$.
Weight:	0.3 kg.
Entries:	Up to 1 x 21mm \varnothing hole on each side via knock-outs or 1 x 21mm \varnothing rear.

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Terminals:	6 off suitable to accept up to 2.5mm ² cable, for looping.
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.	

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, as follows:

Product	Description
DB5B012NR	Intrinsically safe, ATEX approved Ex II 1G, certified EExia IIC T4, Zones 0, 1 & 2, 103 dB(A), 12V d.c., choice of 26 tones, up to 3 x 20mm entries, natural red ABS plastic.
DB5B024NR	Intrinsically safe, ATEX approved Ex II 1G, certified EExia IIC T4, Zones 0, 1 & 2, 103 dB(A), 24V d.c., choice of 26 tones, up to 3 x 20mm entries, natural red ABS plastic.

Unit Type:	DB5	
(A) Certification:	Certification	Code
	BASEEFA GP 1	M*
	BASEEFA GP 2	B
	IECEX	J
	FM	FM
	CSA	C
	Inmetro	IM
	*12V only	
(B) Voltage:	Voltage	Code
	12V	012
	24V	024
(C) Tag Labels:	Tag Label	Code
	None	N
	Yes	Y*
	(Please specify)	
(D) Finish:	Finish	Code
	Red	R
	Special	S*
	(Please specify)	

ORDER CODE:

	(A)	(B)	(C)	(D)
DB5				