

SOUNDERS – Up to 118 dB(A) EExd(e), Weatherproof DB3 Range



Sounder/Beacon
Combination Unit



Now VNIPO Approved

Introduction

This range of light weight all GRP, flameproof sounders is intended for use in potentially explosive gas and dust atmospheres and has been designed with high ingress protection to cope with the harsh environmental conditions found offshore and onshore in the oil, gas and petrochemical industries.

The flamepaths, flare and the body, are manufactured completely from a UV stable glass reinforced polyester. Stainless steel screws and sinter are incorporated thus ensuring a corrosion free product. A tapered flamepath is used to overcome the problems of assembly of parallel spigot flamepaths.

An optional Exe terminal chamber is available.

An uncertified version is available for use in non-explosive atmospheres.

- ★ Zone 1, Zone 2 and non-Ex use.
- ★ EExde IIC T5.
- ★ ATEX approved, Ex II 2GD.
- ★ Optional Exe terminal chamber.
- ★ BASEEFA certified.
- ★ UL Listed for USA and Canada
 - Hazardous locations:
 - Class I, Div 2, Groups A-D.
 - Class II, Div 2, Groups F & G
 - Class I, Zones 1 & 2, AExd IIC T4.
 - Ordinary locations: Audible-Signal Device.
- ★ GOST 'R' & 'K' certified.
- ★ Chinese (CQST) certified.
- ★ Australian (SAA) certified.
- ★ Brazilian (Inmetro) certified.
- ★ IP66 and IP67.
- ★ *Certified temperature -55°C to $+70^{\circ}\text{C}$.
- ★ All GRP corrosion free flamepaths.
- ★ Up to 118dBA output.
- ★ Integral volume control.
- ★ 27 tones, user selectable.
- ★ Tones comply with UK00A/PFEER guidelines.
- ★ Two tones may be switched via the external voltage supply – now available in AC and DC versions.
- ★ Tones may be programmed to customer specification.
- ★ d.c. version accepts any voltage between 12V d.c. and 48V d.c.
- ★ End of line resistor option.
- ★ Sounder/Beacon Combination Unit available.
- *Depending on version.

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