





### Introduction

This range of beacon/sounder units, intended for use in potentially explosive gas atmospheres, has a sound output of up to 116 dB(A) and tube energy of 10 joules (beacon). It is suitable for use in the harsh environmental conditions found offshore and onshore in the oil, gas and petrochemical industries.

The flamepaths, flare and body are manufactured from a UV stable glass reinforced polyester. Stainless steel screws and mounting stirrup are incorporated to ensure a corrosion-free product.

A tapered flamepath is used to overcome the problems of assembly of parallel spigot flamepaths.



# Combination - Beacon Sounder eXL07 (CU1)

- ► Zone 1, Zone 2
- Ex de IIB T3
- ► ATEX approved, Ex II 2 G
- ▶ BASEEFA certified
- ► Protection IP66 / IP67
- ► Certified temperature: -50 °C to +50 °C
- ► Up to 116 dB(A)\*
- ▶ 27 Tones, user selectable
- ▶ 24 VDC version two stage alarm
- ► Tones comply with UKOOA/PFEER guidelines
- Integral volume control
- ► GRP corrosion-free flamepath
- ► Ratcheted swivel mouting stirrup
- ► Stainless steel fixtures
- Tapered flamepath

## Used on a oil platform

For connection to an analogue telephone system with an integrated telephone connecting relay.



## **Technical specifications**

Certification

ATEX Cert. no. Basefa 04ATEX0273X

Certified to: EN60079-0, EN60079-1, EN60079-7

Ex II 2G, Ex de IIB T3 Gb

Material Body, flares & covers: Glass Reinforced Polyester (GRP)

Lens: Glass

Guard fitted as standard

Cover screws & mounting strap: Stainless steel

Finish red

Certified Temp Standard unit: -50 °C to +50 °C (CU1-S & CU1-SP)

Weight 6.5 kg approx.
Ingress Protection IP66 and IP67

Entries Up to 2x M25, 2x M25 ISO,

2x M20 with 1/2" NPT adaptor or

2x M25 with 3/4" NPT adaptors into termination (Exe)

chamber.

Terminals 8x 4.0 mm<sup>2</sup>

Relay Initiate: Available on all versions –

operates with 24 V d.c. initiate supplies only

Mounting Stainless steel bracket with ratchet facility

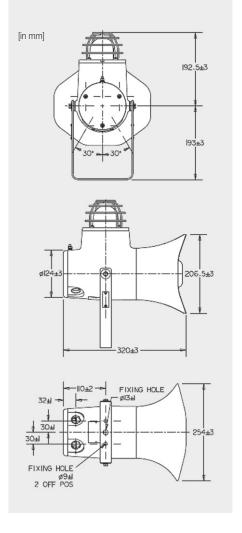
Labels Duty and tag label option to customer's requirements

Tube Energy 10 Joules

Sound Output Sound Standard unit: 116 dB(A)  $\pm$  3 dB(A)

(tone dependent)

Tone Selection 27 user selectable tones



### **Order information**

Old p/n	Name	Voltage	Color	Current	Order Code
225 827 02	Beacon Sounder eXL07	230 VAC	red	172 mA	CU1SB230T06RTN1BR
225 827 03	Beacon Sounder eXL07	230 VAC	amber	172 mA	CU1SB230T06ATN1BR
225 833 02	Beacon Sounder eXL07	24 VDC	red	1680 mA	CU1SPB024T06RTN1BR
225 833 03	Beacon Sounder eXL07	24 VDC	amber	1680 mA	CU1SPB024T06ATN1BR
225 887 02	Beacon Sounder eXL07 with tel. relay	230 VAC	red	172 mA	CU1SB230T06RTT2BR
225 887 03	Beacon Sounder eXL07 with tel. relay	230 VAC	amber	172 mA	CU1SB230T06ATT2BR
225 883 02	Beacon Sounder eXL07 with tel. relay	24 VDC	red	1680 mA	CU1SPB024T06RTT2BR
225 883 03	Beacon Sounder eXL07 with tel. relay	24 VDC	amber	1680 mA	CU1SPB024T06ATT2BR

Subject to change without notice  $\cdot$  Printout 12/13

