

BHB125-1

BHB150-1



- Xenon or LED
- 63 Alarm tones
- 4 Stages of alarm output

BHB125-1 / 150-1 series Ex Sounder & Beacon is designed according to ATEX and IECEx standards. Product is available in two versions of enclosure material: Stainless Steel 304 or UV and corrosion resistance GRP (Glass Reinforced Polyester). This product is certified for use and installation in Zone 1 and Zone 2 areas with gas groups IIA, IIB, IIC and temperature class T4-T6. It specially applies to Oil & Gas, Offshore Platforms, Chemical, Petrochemical, Refinery and Marine Industries. BHB125 / 150 single unit Sounder and Beacon has features of both BB125 / 150 and BHB125 / 150.

According to user control system, 4 stages of alarm tones can be sent out, from less critical stage (stage 1) to the most critical stage (stage 4). 63 tones are selectable. Tone can be preset during installation. At the same time, four stages of alarm light can also be sent out.

**Explosion protection**

Marking ATEX	⊕ II 2 GD Ex d IIC T5 Gb
Certification	PRESAFE 14 ATEX 5382X
Marking IECEx	Ex tb IIIC T100°C
Certification	IECEx PRE 14.0045X

**Technical data**

Tones	63
Sound output	Up to 115 dB @ 1 M/1 W
Light source type	Xenon (5 J, 10 J, 15 J or 21 J) or LED (5 w or 10 W)
Flash rate	1Hz
Power supply	DC 12/48 V or AC 100/240 V 50/60 Hz
Working currency	Sounder: 250 mA to 1500 mA Xenon: 10 J: 650 mA (max) 20 J: 1,4 A (max) LED: 220 mA (max)
Terminal	up to 2,5 mm <sup>2</sup> cable
Cable Entry	2 x M20, 1 gland (COD: 9-16) and 1 plug is standard
Ambient temperature	-40 °C to +70 °C (-40 °C to +60 °C / T5 / T100 °C on standard label) -40 °F to +158 °F (-40 °F to +140 °F)
Material	BHB125 Enclosure: Stainless steel SS304 Bracket: Stainless steel BHB150 Enclosure: Corrosion resistance GRP Bracket: Stainless steel
Enclosure finish colour	Red (RAL 3001) or black (RAL 9004)
Protection class	IP66
Weight	BHB125 8.0 kg / 17.6 lbs BHB150 6.5 kg / 14.3 lbs
Dimensions	BHB125 L - 335 x dia. 187.5 mm w/o lens guard (L - 13.19 x dia. 7.36 inch) BHB150 L - 441 x dia. 281 mm w/o lens guard (L - 17.36 x dia. 11.06 inch)

**Order code BHB**

Material	Lens Colour	Xenon or LED	Power	Voltage	Cable entries	Finish	Telephone relay
125 - Stainless Steel	R - Red	X - Xenon	05 (5 W or 5 J)	AC	A - M20	RD - Red	Y - Yes
150 - GRP	Y - Yellow	L - LED	10 (10 W or 10 J)	DC		BK - Black	N - No
	B - Blue		15 (15 J)				
	G - Green		21 (21 J)				
	C - Clear						