

BARTEC



CE

BHB125-1 Ex Sounder & Beacon is designed according to ATEX and IECEx standards. Enclosure material is Stainless steel. 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.

BHB125-1 single unit Sounder and Beacon has features of both BB125 and BHB125.

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.

- ATEX and IECEx approved
- Industrial and explosive gas/dust environment
- IP 66
- Stainless steel enclosure
- Stainless steel mounting bracket
- Xenon or LED available
- 4 Stages of alarm light output
- 4 stages of alarm tones output
- 63 tones selectable
- Every stage tone can be chosen freely
- Sound recording or customization
- Built-in volume control



- zone 1 & 2
- zone 21 & 22



EXcite™

BHB125-1

Audible and Visual signalling equipment



Technical Information - BHB125-1 Sounder & Beacon

Ex Code	II 2 GD Ex d IIC T5 Gb (T4 - T6 upon request) Ex tb IIIC T100°C (T135°C - T85°C upon request) IP66
Standards	EN 60079-0:2012 (IEC 60079-0:2011) , EN 60079-1:2007 (IEC 60079-1:2007), EN 60079-31:2009 (IEC 60079-31:2008) and EN 54
Tone selection	63 tones selectable
Sound output	Up to 115 dB @ 1M/1W
Light source type	Xenon or LED
Xenon	10 or 20 Joule
LED	10 W
Flash rate	1Hz
Ambient temperature	-40°C to +70°C (-40°C to +60°C / T5/T100°C on standard label)
Humidity	≤ 95% RH

Mechanical specification:

Material	Enclosure: Stainless steel, SS304 Mounting Bracket Material Stainless steel
Lens cover material	Tempered glass
Lens colour	Through coloured in red, amber, blue, green or clear
Enclosure finish colour	Powder coating Red (RAL3001) or Black (RAL9004)
Ingress Protection	IP66
Weight	8.0 kg
Dimensions	L - 335xdia. 187.5 (mm) w/o Lens Guard

Electrical specification:

Power supply	12-48VDC or 100-240V AC, 50-60Hz
Working currency	Sounder: 250mA-1500mA Xenon: 10 Joule: 650mA (max), 20 Joule: 1,4A (max) LED: 220mA (max)
Terminal	Accept up to 2.5mm² cable
Cable Entry	2 x M20, 1 gland (COD: 9-16) and 1 plug is standard
Certification	IECEx PRE 14.0045X, Presafe 14 ATEX 5382X

Order Information - BHB125 - 1 Sounder & Beacon



Example: BHB1251RX10DCARDN

Telephone trig	N = No Y = Yes
Finish colour	RD = red BK = black
Cable entries (size)	A = M20
Voltage	DC or AC
Intensity (joule/W)	10 or 20 (20=Xenon only)
Xenon or LED	X or L
Lens colour	R = red Y = yellow B = blue G = green C = clear