

# BARTEC



BH125 Ex Sounder/Horn is designed according to ATEX and IECEx standards. It especially applies to Oil & Gas, Chemical, Petrochemical, Refinery, Marine and Offshore Industries for the high-corrosion and hazardous areas.

According to user control system, 3 stages of alarm tones can be sent out, from less critical stage (stage 1) to the most critical stage (stage 3). Every stage tone can be selected separately. 63 tones are available. Users can record sounds or customize sounds into the sounder by using 4 spare tones. Tones can be preset during installation.

- ATEX and IECEx approved
- Industrial and explosive gas/dust environment
- IP 66
- Stainless steel material
- Powder coating with strong adhesion
- Stainless steel mounting bracket
- Electrical board replacable
- 12-48VDC or 100-240VAC, 50-60Hz
- 3 stages of alarm sound output
- 63 tones
- Every stage tone selected separately
- Sound recording or customization
- Built-in volume control



- zone 1 & 2
- zone 21 & 22



**EXcite**™

**BH125**

**Audible and Visual** signalling equipment



**Technical Information - BH125 Sounder / Horn**

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 EN54		
Tones	63 tones		
Sound output	Up to 115 dB @ 1M/1W		
Ambient temperatur	-40°C to +70°C (-40°C to +60°C / T5/T100°C on standard label)		
Humidity	≤ 95% RH		
<b>Mechanical specification:</b>			
Material	<b>Enclosure:</b> Stainless steel SS304 <b>Bracket:</b> Stainless steel		
Enclosure finish colour	Powder coating red (RAL 3001) or black (RAL 9004)		
Ingress Protection	IP66		
Weight	7.8 kg		
Dimensions	L: 243mm	Ø1: 187mm	Ø2: 123mm
<b>Electrical specification:</b>			
Power supply	12-48VDC or 100-240VAC, 50-60Hz		
Power consumption	5-20 W (adjustable)		
Terminal	≤ 2,5mm <sup>2</sup> cable		
Cable Entry	2 x M20, 1 gland (COD: 9-16) and 1 plug is standard		
Certification	IECEx PRE 14.0044X, Presafe 14 ATEX 5381X		
Nominal current	<b>12V DC:</b> 910mA (max 10W)	<b>24V DC:</b> 960mA	<b>48V DC:</b> 500mA
	<b>110V AC:</b> 210mA	<b>220V AC:</b> 100mA	

**Order Information - BH125 Sounder / Horn**



Example: BH125DCARD

Finish colour	<b>RD</b> = red   <b>BK</b> = black
Cable entries (size)	<b>A</b> = M20
Voltage	<b>DC</b> or <b>AC</b>