

BARTEC



CE

BB125 Ex flashing beacon is designed according to ATEX and IECEx standard. 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 especially applies to Oil & Gas, Off-shore Platforms, Chemical, Petrochemical, Refinery and Marine Industries.

It has telephone initiated function (optional) and can be used as the second ring output indicator of industrial telephones which apply to special locations where the environment is noisy. Various colors are selectable for lens cover.

- ATEX and IECEx approved
- Industrial and explosive gas/dust environment
- IP 66
- Stainless steel enclosure
- Powder coating with strong adhesion
- Tempered glass lens cover
- 5 lens colors: red, amber, blue, green and clear
- Xenon or LED type
- Xenon: 10 or 20 Joule
- LED: 10W
- 12-48VDC or 100-240VAC, 50-60Hz
- Electrical board (PCB) replacable
- Telephone initiated function optional



- zone 1 & 2
- zone 21 & 22



EXcite™

BB125

Audible and Visual signalling equipment



Technical Information - BB125 Flashing 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
Light source type	Xenon or LED
Xenon	10 or 20 joule
LED	10 watt
Flashing rate (Xenon)	1Hz
Flashing rate (LED)	1Hz
Ambient temperatur	-40°C to +70°C (-40°C to +60°C / T5/T100°C as default unless other is specified)
Humidity	≤ 95% RH

Mechanical specification:

Material	Enclosure: Stainless Steel SS304 Lens Cover: Tempered Glass		
Lens	Through coloured in: red, amber, blue, green or clear		
Enclosure finish	Powder coating red (RAL 3001)		
Ingress Protection	IP66		
Weight	5,4 kg / 11,9 lbs		
Dimensions	L: 125mm / 4.92"	W: 125mm / 4.92"	H: 181.2mm / 7.13"

Electrical specification:

Power supply	12-48VDC or 100-240VAC, 50-60Hz
Terminal	≤ 2,5mm² cable
Cable Entry	4 x M20, 1 gland (COD: 9-16) and 3 plugs is standard
Certification	IECEX PRE 14.0049X, Presafe 14ATEX 5389X

Nominal current

LED					
Power	12V DC	24V DC	48V DC	110V AC	220V AC
10W	1100mA	530mA	240mA	160mA	80mA

XENON					
Energy	12V DC	24V DC	48V DC	110V AC	220V AC
10J	850mA	490mA	250mA	100mA	60mA
20J	NA	960mA	480mA	180mA	110mA

Order Information - BB125 Flashing Beacon



Example: BB125RX10DCNARDN

Telephone trig	N = No Y = Yes
Finish colour	RD = red
Cable entries (size)	A = M20
Not used	N = Default
Voltage	DC or AC
Intensity (joule/W)	10 or 20 (20=Xenon only)
Xenon or LED	X or L
Lens colour	R = red A = amber B = blue G = green C = clear