

Ex d, Weatherproof

AVAILABLE IN
STAINLESS STEEL



Introduction

These certified beacons have been designed for use in harsh environmental conditions. The stainless steel or marine grade alloy enclosures are suitable for use offshore or onshore, where lightweight combined with corrosion resistance and strength is required. Units can be painted to customer specification and fitted with identification labels.

LED version available, offering extended lifetimes.

A high temperature version is available – contact MEDC for details.

Stainless steel, one of the most durable materials available on the market, is both hard wearing and corrosion resistant, increasing the life of products in harsh environments and therefore reducing maintenance costs.

Features

- Zone 1 and Zone 2 use.
- Ex d IICT4/T5/T6.
- ATEX approved Ex II 2GD.
- BASEEFA certified.
- IECEx certified Gb, Db.
- UL Listed for USA and Canada:
 - Class I, Div. 1, Groups C & D.
 - Class I, Zone 1 AExd IIB.
- CSA certified.
- CUTR certified*.
- Chinese (CQST) certified.
- Brazilian (Inmetro) certified.
- IP66 and IP67.
- Certified temperature: -55°C to $+70^{\circ}\text{C}$ *.
- High temperature version (up to 85°C) available.†
- Stainless steel or marine grade alloy.
- Xenon or LED versions.
- Various lens colours.
- Optional lens guard.
- Telephone or relay initiated.

**Depending on version.*

†Please contact MEDC Technical Sales.



ATEX Ex d:	Cert. no. Baseefa 03ATEX00222. Certified to: EN60079-0, EN60079-1, EN60079-31. HXB: Ex II 2GD, Ex d IIC T5/T6 Gb, Ex tb IIIC T65°C/ T80°C/ T95°C Db. LED: Ex II 2GD, Ex d IIC T6 Gb, Ex tb IIIC T55°C/ T70°C Db. XBT: Ex II 2GD, Ex d IIC T4 Gb, Ex tb IIIC T110°C Db.																											
IECEx Ex d:	Cert. no. IECEx BAS 09.0059. Certified to: IEC60079-0, IEC60079-1, IEC60079-31. HXB: Ex d IIC T5/T6 Gb, Ex tb IIIC T65°C/ T80°C/ T95°C Db. LED: Ex d IIC T6 Gb, Ex tb IIIC T55°C/ T70°C Db. XBT: Ex d IIC T4 Gb, Ex tb IIIC T110°C Db.																											
UL:	Listing no. E187894. Class I, Div 1, Groups C & D. Class I, Zones 1. (HXB & XBT only).																											
CSA:	Cert no. 96406. (HXB only). Certified to: C22.2 Nos 0, 0.4, 0.5, 9, 30-M1986, 94-M91, 137-M1981. Class I, Div 1. Group D.																											
CUTR Ex d:	HXB: 1Ex d IIC T5/T6 Gb, Ex tb IIIC T65°C/ T80°C/ T95°C Db. LED: 1Ex d IIC T6 Gb, Ex tb IIIC T55°C/ T70°C Db. XBT: 1Ex d IIC T4 Gb, Ex tb IIIC T110°C Db. Russian Fire Alarm approved.																											
Inmetro Ex d:	Exd IIC T4/T5/T6 Gb. HXB: Ex d IIC T5/T6 Gb, Ex tb IIIC T65°C/ T80°C/ T95°C Db. LED: Ex d IIC T6 Gb, Ex tb IIIC T55°C/ T70°C Db. XBT: Ex d IIC T4 Gb, Ex tb IIIC T110°C Db.																											
CQST:	Exd IIC T4/T5/T6. (HXB only).																											
Material:	HXBS, XBTs and LEDs – Grade 316 ANC4B Stainless Steel. HXBA, XBTa & LEDa – LM25 TF Marine Grade Alloy. Lens – Glass. UL version available only in marine grade alloy. CSA version available only in stainless steel.																											
Finish:	Epoxy paint finish as standard or to customer specification.																											
Certified Temp:	<table border="0"> <tr> <td>ATEX/IECEx</td><td>HXB =</td><td>-55°C to +70°C (T5)</td></tr> <tr> <td></td><td></td><td>-55°C to +55°C (T6)</td></tr> <tr> <td></td><td>LED =</td><td>-55°C to +55°C* (T6)</td></tr> <tr> <td></td><td>XBT =</td><td>-55°C to +85°C (T4)</td></tr> <tr> <td>CSA</td><td>HXB =</td><td>-50°C to +40°C</td></tr> <tr> <td>UL</td><td>HXB =</td><td>-55°C to +70°C</td></tr> <tr> <td></td><td>XBT =</td><td>-40°C to +85°C</td></tr> <tr> <td>GOST 'R'</td><td>HXB =</td><td>-55°C to +55°C</td></tr> <tr> <td></td><td></td><td>*Operating temp is -20°C</td></tr> </table>	ATEX/IECEx	HXB =	-55°C to +70°C (T5)			-55°C to +55°C (T6)		LED =	-55°C to +55°C* (T6)		XBT =	-55°C to +85°C (T4)	CSA	HXB =	-50°C to +40°C	UL	HXB =	-55°C to +70°C		XBT =	-40°C to +85°C	GOST 'R'	HXB =	-55°C to +55°C			*Operating temp is -20°C
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Weight:	HXBS & LEDs – 3.8kg each (approx). HXBA & LEDa – 2kg. each (approx.).																											
Ingress Protection:	IP66 & IP67.																											
Entries:	Up to 4 x M20 / M25 ISO or 1/2" / 3/4" NPT.																											
Terminals:	HXB & XBT – 6 off suitable for up to 2.5mm ² cable. LED – 6 off suitable for up to 2.5mm ² cable.																											
Relay Initiate:	Initiation by telephone ringing tone or low voltage control signals.																											
Labels:	Duty & Tag Labels optional.																											