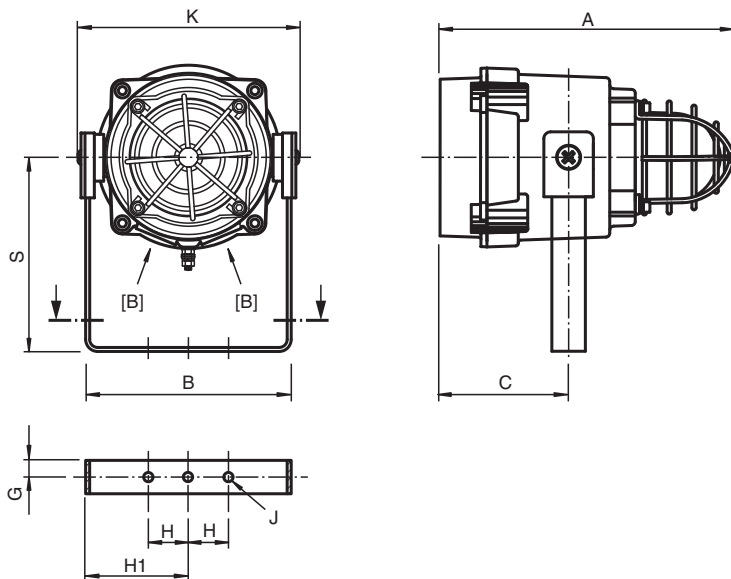# Beacon Xenon 750 cd Ex d IIC

PF-BExBG15-DP*

- ■ Automatic synchronisation with systems operation
- ■ Beacons can be set to 'flip-flop' alternating mode with other units on multi-beacon systems
- ■ Glass lens and stainless steel guard
- ■ Degree of protection IP66 / IP67
- ■ Marine grade and corrosion proof LM6 aluminium enclosure
- ■ Ratchet adjustable stainless steel 'U' bracket
- ■ Reverse polarity diode fitted
- ■ UV stable PC field replaceable lens colour filter
- ■ Xenon tube mechanically secured against shock and vibrations

CE ⟨Ex⟩

Dimensions

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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Dimension values see data table.
Image and drawing are generic for this device type and may deviate from the specific variant.

Legend		
A		Height
B		Width
C		Depth
G		Mounting holes distance
H		Mounting holes distance
H1		Mounting holes distance from edge of bracket
J		Mounting holes diameter
K		Maximum outer dimension with bracket
K1		Maximum outer dimension with horn
S		Depth of mounting bracket
[A] ... [B]		Cable entry faces

Technical Data

Electrical specifications

Operating voltage	240 V AC , 115 V AC , 24 V DC , further on request
Terminal capacity	0.5 ... 2.5 mm^2
Line monitoring	blocking diode included EOL resistors (AC) or diodes (DC) available on request
Function	flashing beacon
Lens color	red , amber , blue , green , further on request
Energy	15 J
Flash rate	1 Hz
Luminous intensity, peak, calculated	1500000 cd , calculated from energy
Luminous intensity, peak, measured	99106 cd , measured according to I.E.S.
Effective luminous intensity, calculated	750 cd , calculated from energy
Effective luminous intensity, measured	468 cd , measured according to I.E.S.
Illuminant, type	xenon tube
Illuminant, life	Luminous intensity reduced to 70% after 5 million flashes

Mechanical specifications

Degree of protection	IP66/IP67
Cable entry face B	
M20 quantity	2
M20 type	metric ISO pitch 1.5 mm
M20 info	Stopping Plug 1x brass nickel-plated
Material	
Enclosure	Aluminum LM6
Finish	chromated, powder coated RAL 3000 (red)
Mounting bracket	stainless steel 1.4301 / AISI 304
Mass	DC: 2.45 kg , AC: 2.75 kg
Dimensions	
External dimension (A)	246 mm
External dimension (B)	153.6 mm
External dimension (C)	100 mm
Mounting holes distance (G)	12.5 mm
Mounting holes distance (H)	30 mm
Mounting holes distance (H1)	76.8 mm
Mounting holes diameter (J)	7 mm
Depth mounting frame (S)	145 mm
Maximum external dimension (K)	165 mm
Grounding	external grounding bolt M5

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Technical Data

Ambient conditions	
Ambient temperature	-50 ... 70 °C (-58 ... 158 °F)
Data for application in connection with hazardous areas	
EU-type examination certificate	KEMA 00 ATEX 2006 X
Marking	⟨Ex⟩ II 2 GD Ex d IIC T* Gb Ex tb IIIC T** °C Db T4 @ Ta +50 °C , T3 @ Ta +70 °C T120 °C @ Ta +40 °C , T135 °C @ Ta +55 °C , T150 °C @ Ta +70 °C
International approvals	
IECEx approval	IECEx KEM 10.0002X
INMETRO approval	10-IEx-0010
EAC approval	RU C-GB.AA71.B.00109
Conformity	
Degree of protection	EN 60529
General information	
Scope of delivery	device , 1 Stopping Plug , Instruction leaflet
Supplementary information	EC-Type Examination Certificate, Statement of Conformity, Declaration of Conformity, Attestation of Conformity and instructions have to be observed where applicable. For information see www.pepperl-fuchs.com.

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