

Signalling Devices



Visual signalling device Xenon flashing beacon

In flameproof enclosure Increased safety

6161/2-11-221-0-1 Art. No. 219249



- Lamp: Flashing beacon – XENON (5 J) / continuous beacon – LED
- Type of protection: Ex d with Ex e connection chamber
- Class: IP66 (IEC 60529)
- Robust aluminium enclosure (powder-coated)
- 6 lens colours available to order

WebCode 6161A



Product series 6161 can be used as a signal lamp or warning lamp, in areas with an explosive gas atmosphere or explosive dust atmosphere.

Technical Data

Explosion Protection

Scope of validity	IECEX European Union (ATEX)
Application range (zones)	1 2 21 22
IECEX gas certificate	IECEX EPS 20.0004X
IECEX gas explosion protection	Ex db eb IIC T6 ... T5 Gb
IECEX dust certificate	IECEX EPS 20.0004X
IECEX dust explosion protection	Ex tb IIIC T85 °C / T100 °C Db
ATEX gas certificate	EPS 20 ATEX 1 008 X
ATEX gas explosion protection	⊕ II 2 G Ex db eb IIC T6 ... T5 Gb
ATEX dust certificate	EPS 20 ATEX 1 008 X
ATEX dust explosion protection	⊕ II 2 D Ex tb IIIC T85 °C / T100 °C Db
Certificates	ATEX (BVIS), IECEX (BVIS)
Ship approval	DNV GL

Electrical Data

Rated operational voltage AC	230 V
Back-up fuse	4 AT

Lighting Data

Lamp	Flash tubes
Flashbulb	5 J
Flash rate	1 Hz

Ambient Conditions

Ambient temperature	-40 °C ... +40 °C (T6) -40 °C ... +50 °C (T5)
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Mechanical Data

Degree of protection (IP)	IP66
IP degree of protection (IEC 60529)	IP66

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Mechanical Data

Enclosure material	Aluminium, powder-coated, Seawater-resistant
Enclosure colour	Yellow / black, powder-coated
Sealing material	NBR O-ring seal
Material dome	Polycarbonate (Lexan) Prismatic
Wire guard material	Stainless steel
Terminal marking	PE + N + L1
Max. solid connection terminals	4 mm ²
Max. finely stranded connection terminals	2.5 mm ²
Clamping range	4 ... 13 mm
Type of connection cable	Solid Finely stranded
Width	76 mm
Height	260 mm
Length	91 mm
Lens colour	Clear
Weight	1.4 kg
Weight	3.09 lb

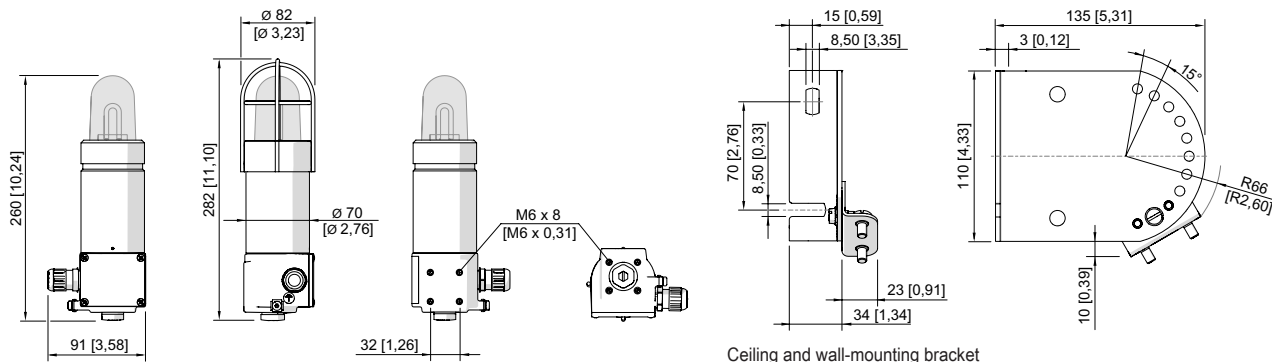
Mounting / Installation

Connection type	Screw terminals, 3-pin
Mounting part material	Stainless steel

Components

Drilled holes	2 x M20
Cable glands and entries	1 x M20 Ø 4 ... 13 mm
Material cable gland	Polyamide, black
Stopping plugs	1 x M20 x 1.5
Stopping plug material	Polyamide, black
Wire guard	Can be ordered as accessories

Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



Optical beacon 6161

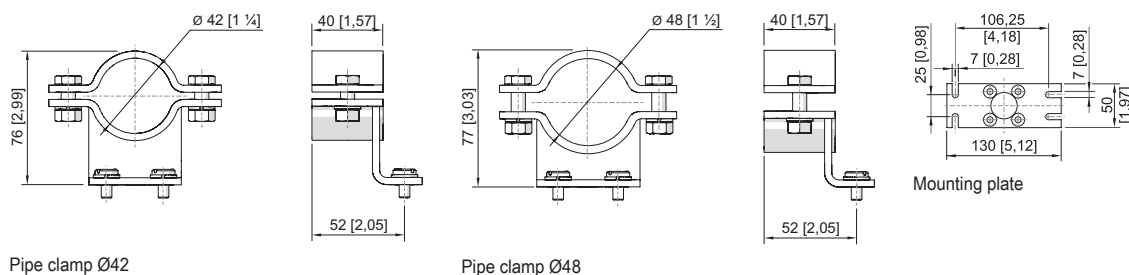
Ceiling and wall-mounting bracket

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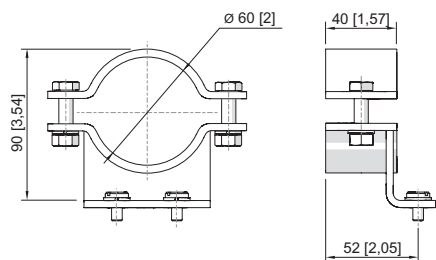
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Pipe clamp Ø42

Pipe clamp Ø48



Pipe clamp Ø60

Accessories

Mounting accessories

		Art. No.
	Mounting plate for wall or floor mounting (stainless steel), incl. mounting screws (available for 6161)	120821
	Pipe clamp, R 1 1/4"	120812
	Pipe clamp, R 1 1/2"	120819
	Pipe clamp, R 2"	120823
	Mounting bracket for wall or floor mounting, stainless steel, incl. mounting screws (available for 6161)	120826
	Wire guard, stainless steel (available for 6161)	120818

Stopping plug

		Art. No.
	8290/3-M20 Plastic, M20 x 1.5 Lot size 1 piece	143522
	8290/3-M20 Plastic, M20 x 1.5 Lot size 100 pieces	285773

Cable gland made of plastic

		Art. No.
	8161/7-M20-1304, Ex e Plastic, M20 x 1.5, cable outer diameter 4 to 13 mm Lot size 50 pieces	239156

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