

Signalling devices

Visual signalling device Xenon flashing beacon

In flameproof enclosure Increased safety

6161/2-61-621-0-1 Art. No. 120680

STAHL



- 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)
- Six lens colours can be ordered

MY R. STAHL 6161A



The **6161 product series** 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	DNVGL
Declaration of Conformity	ATEX (EUK)

Electrical Data

Rated operational voltage AC	24 – 42 V
Rated operational voltage DC	12 ... 48 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
Degree of protection (IP) (IEC 60529)	IP66
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	Finely stranded Solid
Width	76 mm
Height	260 mm
Length	91 mm
Lens colour	Amber
Weight	1.4 kg
Weight	3.09 lb

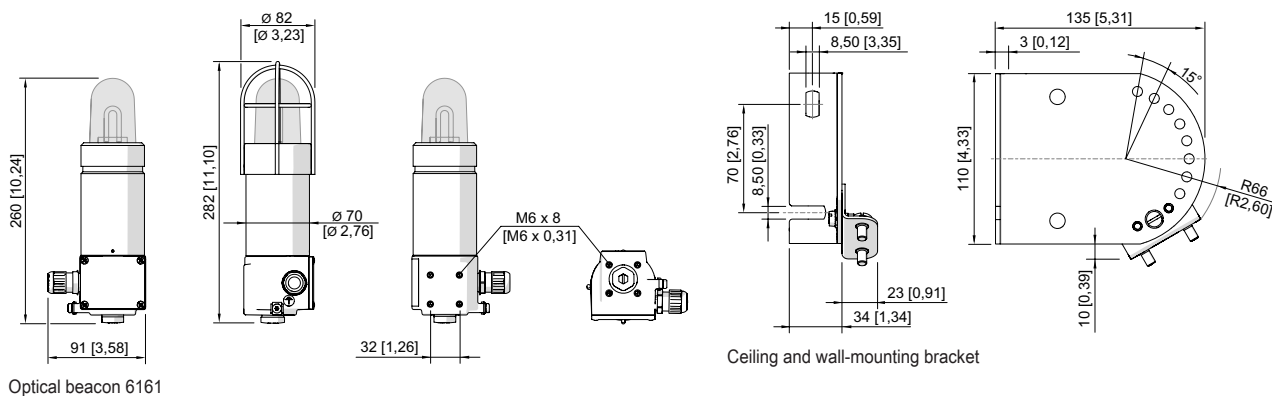
Mounting / Installation

Connection type	Screw terminals, 3-pin
Mounting part material	Stainless steel
Note about mounting	Can be ordered as accessories

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

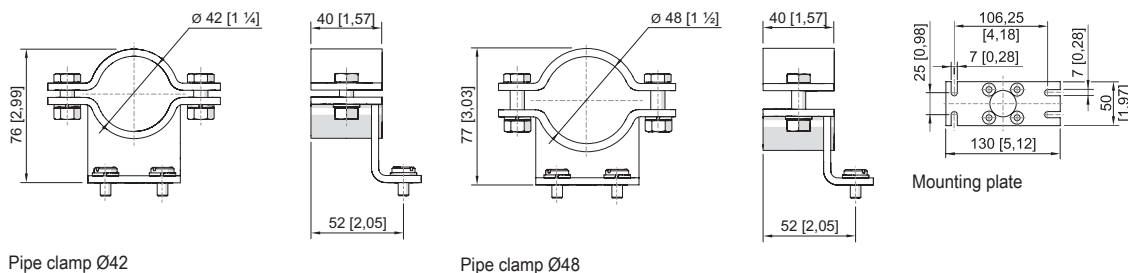


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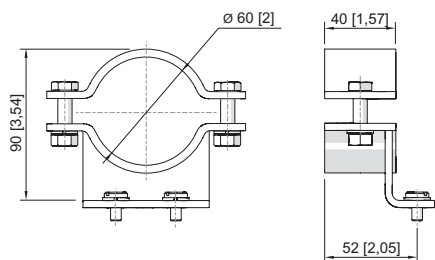
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Pipe clamp Ø42

Pipe clamp Ø48



Pipe clamp Ø60

Accessories

Cable gland made of plastic



8161/7-M20-1304, Ex e
Plastic, M20 x 1.5, cable outer diameter 4 to 13 mm
Lot size 50 pieces

Art. No.

239156

Stopping plug



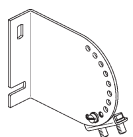
8290/3-M20
Plastic, M20 x 1.5
Lot size 1 piece
8290/3-M20
Plastic, M20 x 1.5
Lot size 100 pieces

Art. No.

143522

285773

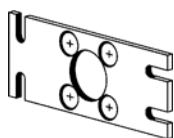
Mounting accessories



Mounting bracket for wall or floor mounting, stainless steel, incl. mounting screws

Art. No.

120826



Mounting plate for wall or floor mounting (stainless steel), incl. mounting screws

120821



Pipe clamp, R 1 1/4"

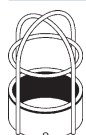
120812

Pipe clamp, R 1 1/2"

120819

Pipe clamp, R 2"

120823



Protective cage, stainless steel

307544

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