

# Signalling devices



## Visual signalling device Xenon flashing beacon

In flameproof enclosure Increased safety

6161/2-61-121-0-1 Art. No. 120674



- 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

|                                 |   |
|---------------------------------|---|
| Area of application             | IECEX<br>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                                     |
| 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)<br>-40 °C ... +50 °C (T5) |
|---------------------|--|

#### Mechanical Data

|                                       |      |
|---------------------------------------|------|
| Degree of protection (IP)             | IP66 |
| Degree of protection (IP) (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 <sup>2</sup>                            |
| Max. finely stranded connection terminals | 2.5 mm <sup>2</sup>                          |
| Clamping range                            | 4 ... 13 mm                                  |
| Type of connection cable                  | Finely stranded<br>Solid                     |
| Width                                     | 76 mm  |
| Height                                    | 260 mm                                       |
| Length                                    | 91 mm  |
| Lens colour                               | Yellow                                       |
| Weight                                    | 1.4 kg                                       |
| Weight                                    | 3.09 lb                                      |

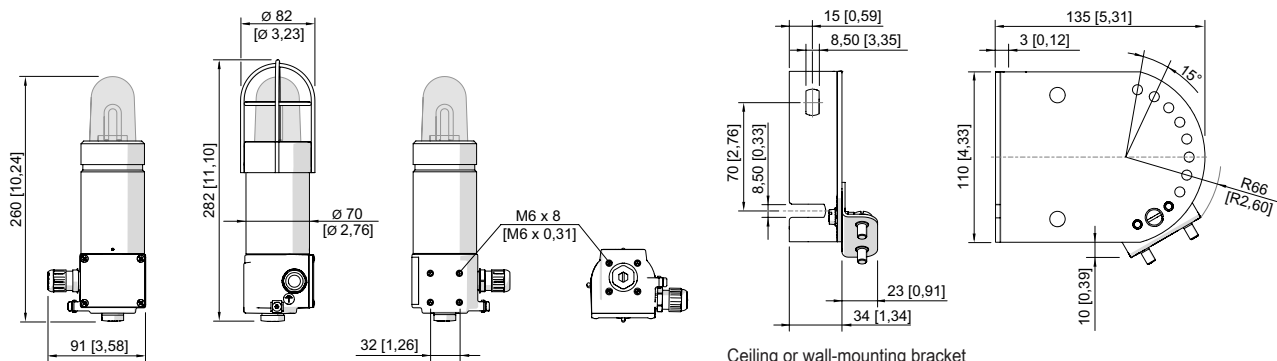
## Mounting / Installation

|                        |                               |
|------------------------|-------------------------------|
| 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

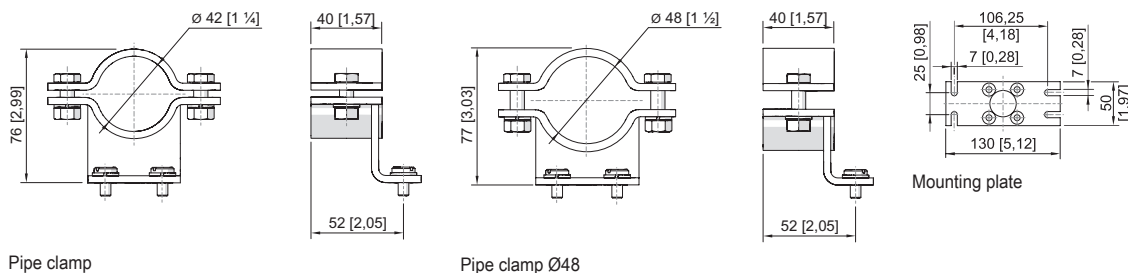


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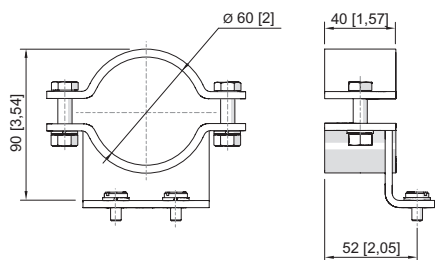
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Pipe clamp

Pipe clamp Ø48



Pipe clamp Ø60

## Accessories

### Plastic cable gland



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

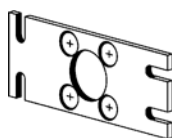
### Mounting accessories



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"  
Pipe clamp, R 1 1/2"  
Pipe clamp, R 2"

120812

120819

120823



Protective cage, stainless steel

307544

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