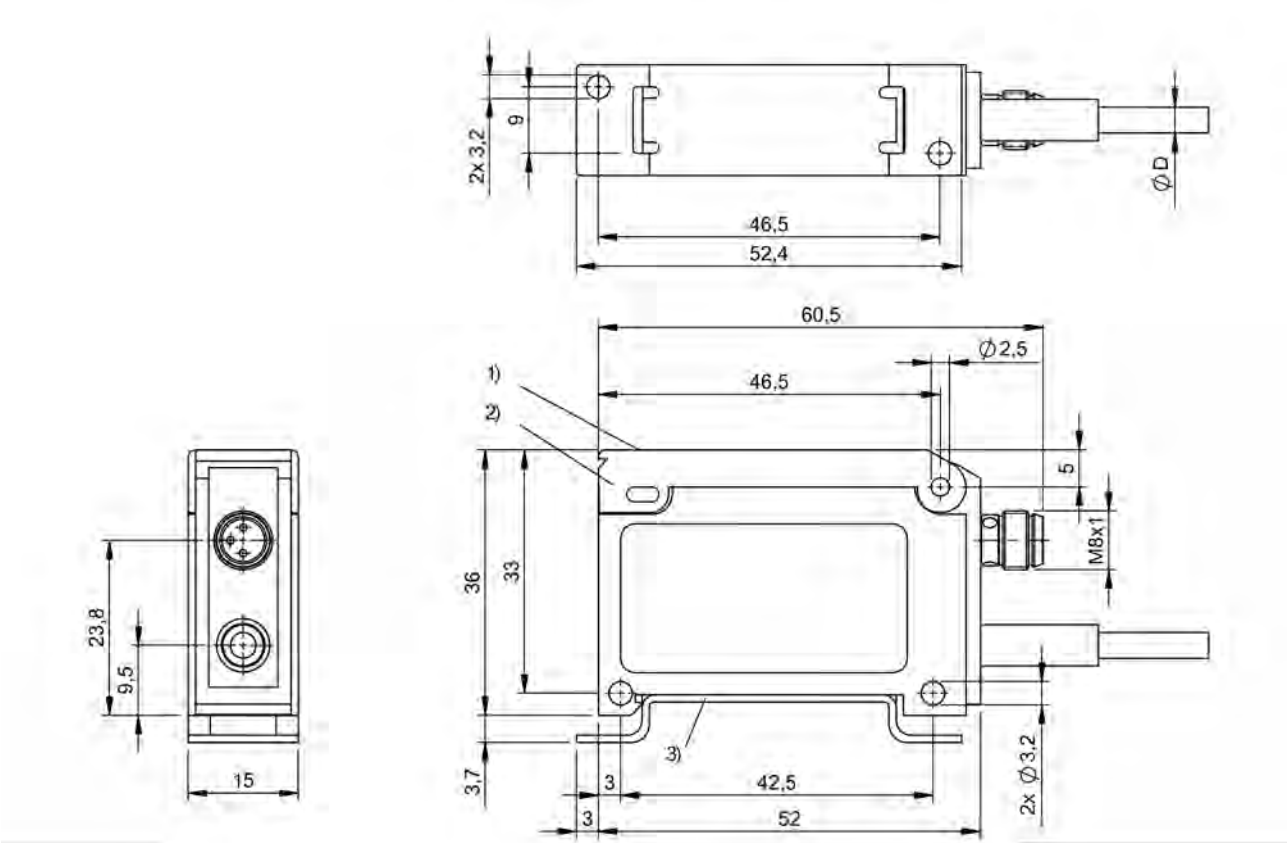




1) Display and control panel



### Basic features

|                        |                     |
|------------------------|---------------------|
| Basic standard         | IEC 60947-5-2       |
| Principle of operation | Signal amplifier    |
| Series                 | SA-OH               |
| Style                  | Square              |
|                        | Straight connection |

### Electrical connection

|                             |                      |
|-----------------------------|----------------------|
| Cable diameter D            | 3.70 mm              |
| Cable length L              | 2 m                  |
| Conductor cross-section     | 0.14 mm <sup>2</sup> |
| Connection                  | Cable, 2.00 m, PVC   |
| Contact, surface protection | Gold plated          |
| Number of conductors        | 4                    |
| Polarity reversal protected | yes                  |
| Short-circuit protection    | yes                  |

### Electrical data

|                                                       |             |
|-------------------------------------------------------|-------------|
| No-load current I <sub>o</sub> max. at U <sub>e</sub> | 40 mA       |
| Operating voltage U <sub>b</sub>                      | 10...30 VDC |
| Rated operating current I <sub>e</sub>                | 100 mA      |
| Rated operating voltage U <sub>e</sub> DC             | 24 V        |
| Switching frequency                                   | 500 Hz      |
| Voltage drop U <sub>d</sub> max. at I <sub>e</sub>    | 2 V         |

### Environmental conditions

|                     |             |
|---------------------|-------------|
| Ambient temperature | -10...55 °C |
| IP rating           | IP65        |

### Interface

|                  |                                               |
|------------------|-----------------------------------------------|
| Switching output | PNP/NPN normally open/normally closed (NO/NC) |
|------------------|-----------------------------------------------|

Material

|                  |     |
|------------------|-----|
| Housing material | ABS |
|                  | PC  |
| Material jacket  | PVC |

Mechanical data

|           |                 |
|-----------|-----------------|
| Dimension | 15 x 36 x 61 mm |
|-----------|-----------------|

Optical features

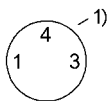
|                                |                        |
|--------------------------------|------------------------|
| Principle of optical operation | depends on sensor head |
| Switching function, optical    | Light/dark switching   |

Range/Distance

|       |                        |
|-------|------------------------|
| Range | depends on sensor head |
|-------|------------------------|

Connector Drawings

AC-PYE



1) Sensor connection

Wiring Diagrams

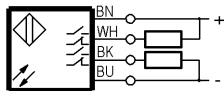


Diagram of the front panel of the device. The panel includes the following components:

- LED YE 1)**: Yellow LED indicator.
- 2)**: A circular button with a clockwise arrow icon.
- LED GN 3)**: Green LED indicator.
- OUT**: A circular button with a plus sign icon.
- SENS**: A circular button with a sensor icon.
- STAB**: A circular button with a plus sign icon.
- On D**: A small rectangular button.
- off D**: A small rectangular button.
- RES**: A small rectangular button.
- DLY**: A small rectangular button.
- On m**: A small rectangular button.
- Off m**: A small rectangular button.
- Hi**: A small rectangular button.
- Lo**: A small rectangular button.
- 4)**: A set of three rectangular buttons with arrows, labeled 4).
- 5)**: A set of two rectangular buttons with arrows, labeled 5).
- 6)**: A set of two rectangular buttons with arrows, labeled 6).

- ## Opto Symbols

