

### Overview

- 1 mm
- PNP break function (NC)
- cable, 2 m
- -25 ... 75 °C
- IP 67



*Picture similar*



### Technical data

#### General data

|                                            |                              |
|--------------------------------------------|------------------------------|
| Mounting type                              | Flush                        |
| Nominal sensing distance<br>S <sub>n</sub> | 1 mm                         |
| Hysteresis                                 | 2 ... 20 % of S <sub>r</sub> |
| Output indicator                           | LED red                      |

#### Electrical data

|                                       |                         |
|---------------------------------------|-------------------------|
| Switching frequency                   | 5 kHz                   |
| Voltage supply range +V <sub>s</sub>  | 6 ... 30 VDC            |
| Current consumption max.<br>(no load) | 12 mA                   |
| Output circuit                        | PNP break function (NC) |
| Voltage drop V <sub>d</sub>           | < 2 VDC                 |
| Output current                        | < 200 mA                |

#### Electrical data

|                             |     |
|-----------------------------|-----|
| Short circuit protection    | Yes |
| Reverse polarity protection | Yes |

#### Mechanical data

|                         |                      |
|-------------------------|----------------------|
| Type                    | Cylindrical threaded |
| Material (sensing face) | LCP                  |
| Housing material        | Stainless steel      |
| Dimension               | 5 mm                 |
| Housing length          | 20 mm                |
| Connection types        | Cable, L=2 m         |
| Tightening torque max.  | 2 Nm (Front: 1,4 Nm) |

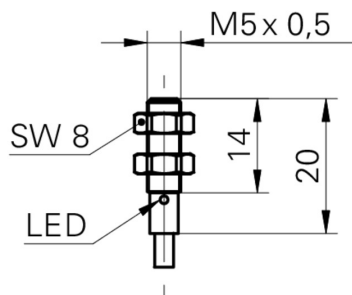
#### Ambient conditions

|                       |                |
|-----------------------|----------------|
| Operating temperature | -25 ... +75 °C |
| Protection class      | IP 67          |

### Remarks

- PUR cable

#### Dimension drawing



#### Connection diagram

