

### Overview

- 1 mm
- PNP make function (NO)
- cable, 2 m
- -10 ... 70 °C
- IP 67



*Picture similar*



### Technical data

#### General data

|                                |                                                                    |
|--------------------------------|--------------------------------------------------------------------|
| Mounting type                  | Flush                                                              |
| Nominal sensing distance<br>Sn | 1 mm                                                               |
| Temperature drift              | - 5 % / + 10 % (+10 ... +60 °C)<br>- 5 % / + 15 % (-10 ... +70 °C) |
| Hysteresis                     | 2 ... 20 % of Sr                                                   |
| Output indicator               | LED red                                                            |

#### Electrical data

|                                       |                        |
|---------------------------------------|------------------------|
| Switching frequency                   | < 4 kHz                |
| Voltage supply range +Vs              | 6 ... 30 VDC           |
| Current consumption max.<br>(no load) | 10 mA                  |
| Output circuit                        | PNP make function (NO) |
| Voltage drop Vd                       | < 2 VDC                |

#### Electrical data

|                             |          |
|-----------------------------|----------|
| Output current              | < 100 mA |
| Short circuit protection    | Yes      |
| Reverse polarity protection | Yes      |

#### Mechanical data

|                         |                    |
|-------------------------|--------------------|
| Type                    | Cylindrical smooth |
| Material (sensing face) | POM                |
| Housing material        | Stainless steel    |
| Dimension               | 3 mm               |
| Housing length          | 16 mm              |
| Connection types        | Cable, 2 m         |

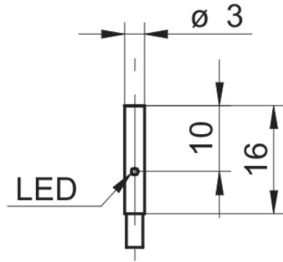
#### Ambient conditions

|                       |                |
|-----------------------|----------------|
| Operating temperature | -10 ... +70 °C |
| Protection class      | IP 67          |

### Remarks

- Fully contained
- Cable version: 16 mm housing length
- Individual strands: 12 mm housing length

#### Dimension drawing



#### Connection diagram

