

**Overview**

- 2 mm
- PNP break function (NC)
- flylead connector M8
- -25 ... 75 °C
- IP 67



*Picture similar*



**Technical data**

**General data**

|  |                              |
|--|------------------------------|
| Mounting type                              | Flush                        |
| Nominal sensing distance<br>S <sub>n</sub> | 2 mm                         |
| Hysteresis                                 | 3 ... 20 % of S <sub>r</sub> |
| Output indicator                           | LED red                      |

**Electrical data**

|                                       |                         |
|---------------------------------------|-------------------------|
| Switching frequency                   | 5 kHz                   |
| Voltage supply range +V <sub>s</sub>  | 6 ... 36 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 |

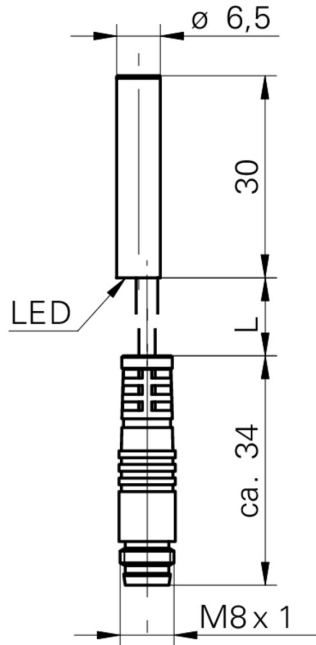
**Mechanical data**

|                         |                      |
|-------------------------|----------------------|
| Type                    | Cylindrical smooth   |
| Material (sensing face) | PBT                  |
| Housing material        | Stainless steel      |
| Dimension               | 6.5 mm               |
| Housing length          | 30 mm                |
| Connection types        | Flylead connector M8 |

**Ambient conditions**

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

**Dimension drawing**



- Standard cable length 200 mm (L)

**Connection diagram**

