

## Overview

- 0,8 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> | 0,8 mm                       |
| Hysteresis                                 | 2 ... 20 % of S <sub>r</sub> |
| Output indicator                           | LED red                      |

### Electrical data

|                                       |                         |
|---------------------------------------|-------------------------|
| Switching frequency                   | < 3 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                        | < 100 mA                |

### Electrical data

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

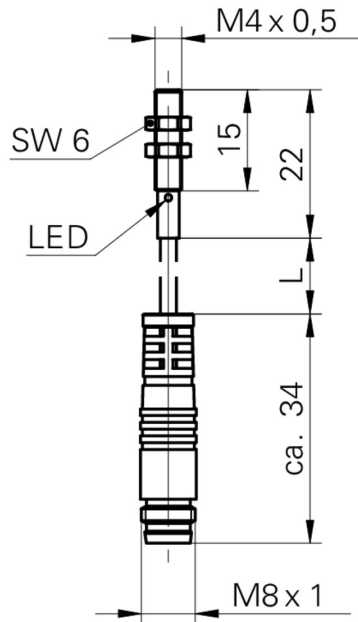
### Mechanical data

|                         |                        |
|-------------------------|------------------------|
| Type                    | Cylindrical threaded   |
| Material (sensing face) | POM                    |
| Housing material        | Stainless steel        |
| Dimension               | 4 mm                   |
| Housing length          | 22 mm                  |
| Connection types        | Flylead connector M8   |
| Tightening torque max.  | 1,8 Nm (Front: 1,2 Nm) |

### Ambient conditions

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

#### Dimension drawing



- Standard cable length 200 mm (L)

#### Connection diagram

