

## Overview

- 1,6 mm
- NPN break function (NC)
- connector M8
- -25 ... 75 °C
- IP 67



Picture similar



## Technical data

### General data

|                                |                  |
|--------------------------------|------------------|
| Mounting type                  | Flush            |
| Nominal sensing distance<br>Sn | 1.6 mm           |
| Hysteresis                     | 2 ... 20 % of Sr |
| Output indicator               | 3 port LED red   |

### Electrical data

|                                       |                         |
|---------------------------------------|-------------------------|
| Switching frequency                   | 3 kHz                   |
| Voltage supply range +Vs              | 6 ... 30 VDC            |
| Current consumption max.<br>(no load) | 12 mA                   |
| Output circuit                        | NPN break function (NC) |
| Voltage drop Vd                       | < 2 VDC                 |
| Output current                        | < 200 mA                |

### Electrical data

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

### Mechanical data

|                         |                    |
|-------------------------|--------------------|
| Type                    | Cylindrical smooth |
| Material (sensing face) | LCP                |
| Housing material        | Stainless steel    |
| Dimension               | 4 mm               |
| Housing length          | 45 mm              |
| Connection types        | Connector M8       |

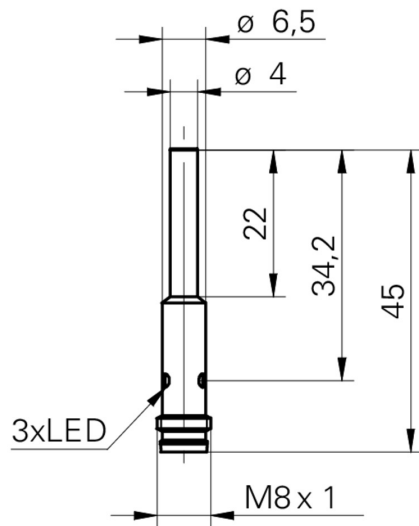
### Ambient conditions

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

## Remarks

- M8 x 1 quick disconnect
- 3 port LED

#### Dimension drawing



#### Connection diagram

