

**Overview**

- 2 mm
- NPN make function (NO)
- 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                        | NPN make function (NO) |
| 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                    | Rectangular                 |
| Material (sensing face) | PBT                         |
| Housing material        | Die-cast zinc nickel plated |
| Dimension               | 8 mm                        |
| Housing length          | 45.9 mm                     |
| Connection types        | Connector M8                |

**Ambient conditions**

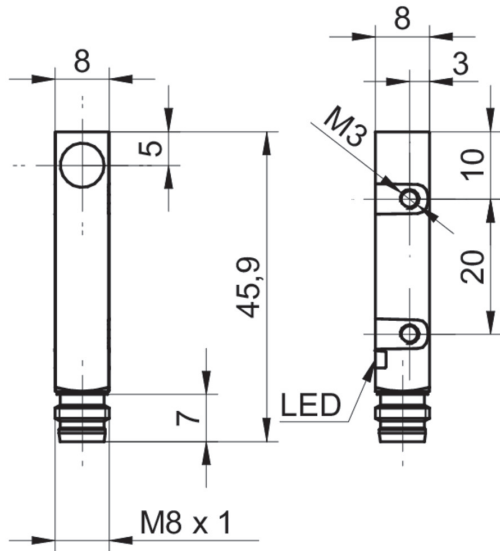
|                       |                |
|-----------------------|----------------|
| Operating temperature | -25 ... +75 °C |
| Protection class      | IP 67          |

# IFFM 08N17A1/O1S35L

Inductive proximity switch - miniature

Article number: 10160242

## Dimension drawing



## Connection diagram

