

## Overview

- 1,6 mm
- PNP make function (NO)
- cable, 2 m
- -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               | 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                        | PNP make function (NO) |
| Voltage drop Vd                       | < 2 VDC                |
| Output current                        | < 100 mA               |

### Electrical data

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

### Mechanical data

|                         |                      |
|-------------------------|----------------------|
| Type                    | Cylindrical threaded |
| Material (sensing face) | LCP                  |
| Housing material        | Stainless steel      |
| Dimension               | 5 mm                 |
| Housing length          | 20 mm                |
| Connection types        | Cable, L=2 m         |
| Tightening torque max.  | 2 Nm (Front: 1,4 Nm) |

### Ambient conditions

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

## Remarks

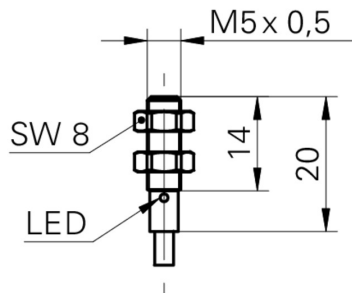
- PUR cable

## IFRM 05P17A3/PL

Inductive proximity switch - subminiature

Article number: 11082462

### Dimension drawing



### Connection diagram

