

Overview

- 1 mm
- NPN break function (NC)
- wires, 0,5 m
- -25 ... 75 °C
- IP 67



Picture similar



Technical data

General data

| | |
|--|------------------------------|
| Mounting type | Flush |
| Nominal sensing distance S _n | 1 mm |
| Hysteresis | 2 ... 20 % of S _r |

Electrical data

| | |
|---------------------------------------|-------------------------|
| Switching frequency | 5 kHz |
| Voltage supply range +V _s | 6 ... 30 VDC |
| Current consumption max. (no load) | 12 mA |
| Output circuit | NPN break function (NC) |
| Voltage drop V _d | < 2 VDC |
| Output current | < 200 mA |
| Short circuit protection | Yes |

Electrical data

| | |
|-----------------------------|-----|
| Reverse polarity protection | Yes |
|-----------------------------|-----|

Mechanical data

| | |
|-------------------------|----------------------|
| Type | Cylindrical threaded |
| Material (sensing face) | LCP |
| Housing material | Stainless steel |
| Dimension | 5 mm |
| Housing length | 15 mm |
| Connection types | Wires, 0,5 m |
| Tightening torque max. | 2 Nm (Front: 1,4 Nm) |

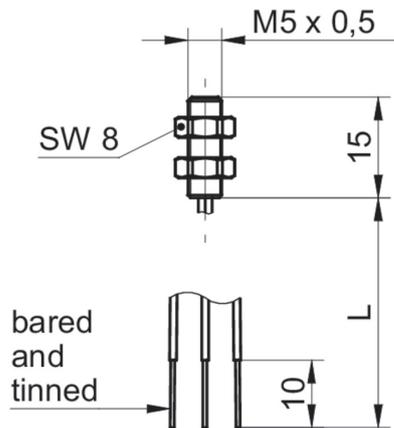
Ambient conditions

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

Remarks

- Fully contained, 3 individual strands
- 15 mm housing length

Dimension drawing



Connection diagram

