

Overview

- 1 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 S _n | 1 mm |
| Hysteresis | 2 ... 20 % of S _r |
| Output indicator | LED red |

Electrical data

| | |
|---------------------------------------|-------------------------|
| Switching frequency | 5 kHz |
| Voltage supply range +V _s | 6 ... 30 VDC |
| Current consumption max. (no load) | 12 mA |
| Output circuit | PNP break function (NC) |
| Voltage drop V _d | < 2 VDC |
| Output current | < 200 mA |
| 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 | 25 mm |

Mechanical data

| | |
|------------------------|----------------------|
| Connection types | Flylead connector M8 |
| Tightening torque max. | 2 Nm (Front: 1,4 Nm) |

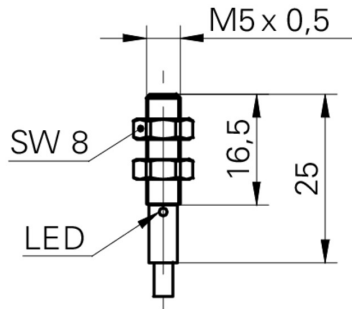
Ambient conditions

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

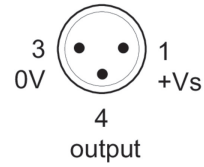
Cable

| | |
|------------------------------|----------------------|
| Head A: Connection | M8 |
| Head A: Gender | Male |
| Head A: Angle cable outlet | 0° |
| Head A: Coding | A |
| Head A: No. of poles | 3 |
| Head A: Degree of protection | IP65, IP66K, IP67 |
| Cable length | 200 mm |
| Length tolerance | + 10 % - 0 % |
| Shielded | No |
| External sheath: Material | PUR |
| Cable diameter | 2.8 mm |
| AWG | 28 |
| Wire cross section | 0.09 mm ² |

Dimension drawing

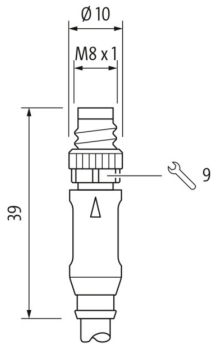


Pin assignment



- Standard cable length 200 mm (L)

Dimensions connector



Connection diagram

