

Overview

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



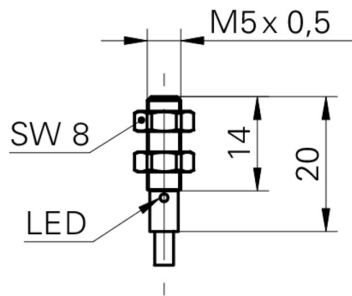
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Technical data

| General data | | Mechanical data | |
|--|------------------------------|------------------------------|----------------------|
| Mounting type | Flush | Connection types | Flylead connector M8 |
| Nominal sensing distance S _n | 1 mm | Tightening torque max. | 2 Nm (Front: 1,4 Nm) |
| Hysteresis | 2 ... 20 % of S _r | Ambient conditions | |
| Output indicator | LED red | Operating temperature | -25 ... +75 °C |
| Electrical data | | Protection class | IP 67 |
| Switching frequency | 5 kHz | Cable | |
| Voltage supply range +V _s | 6 ... 30 VDC | Head A: Connection | M8 |
| Current consumption max. (no load) | 12 mA | Head A: Gender | Male |
| Output circuit | NPN break function (NC) | Head A: Angle cable outlet | 0° |
| Voltage drop V _d | < 2 VDC | Head A: Coding | A |
| Output current | < 200 mA | Head A: No. of poles | 3 |
| Short circuit protection | Yes | Head A: Degree of protection | IP65, IP66K, IP67 |
| Reverse polarity protection | Yes | Cable length | 200 mm |
| Mechanical data | | Length tolerance | + 10 % - 0 % |
| Type | Cylindrical threaded | Shielded | No |
| Material (sensing face) | LCP | External sheath: Material | PUR |
| Housing material | Stainless steel | Cable diameter | 2.8 mm |
| Dimension | 5 mm | AWG | 28 |
| Housing length | 20 mm | Wire cross section | 0.09 mm ² |

Dimension drawing

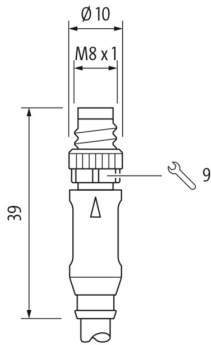


Pin assignment



- Standard cable length 200 mm (L)

Dimensions connector



Connection diagram

