

#### overview

- 1 mm
- NPN make function (NO)
- flylead connector M8
- -25 ... 75 °C
- IP 67



Picture similar



#### Technical data

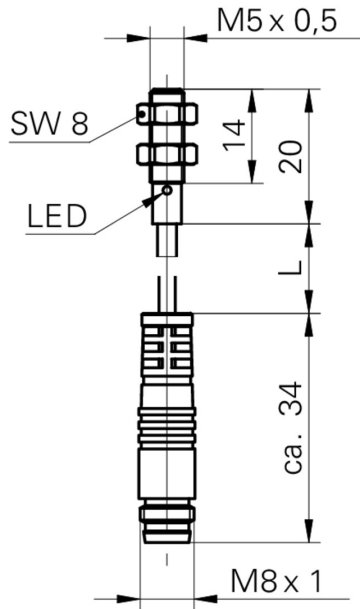
| general data                               |                              | electrical data             |                                |
|--------------------------------------------|------------------------------|-----------------------------|--------------------------------|
| mounting type                              | flush                        | short circuit protection    | yes                            |
| nominal sensing distance<br>S <sub>n</sub> | 1 mm                         | reverse polarity protection | yes                            |
| hysteresis                                 | 2 ... 20 % of S <sub>r</sub> | mechanical data             |                                |
| output indicator                           | LED red                      | type                        | cylindrical threaded           |
| electrical data                            |                              | material (sensing face)     | LCP                            |
| switching frequency                        | < 5 kHz                      | housing material            | stainless steel                |
| voltage supply range +V <sub>s</sub>       | 10 ... 30 VDC                | dimension                   | 5 mm                           |
| current consumption max.<br>(no load)      | 12 mA                        | housing length              | 20 mm                          |
| output circuit                             | NPN make function (NO)       | connection types            | flylead connector M8, L=200 mm |
| voltage drop V <sub>d</sub>                | < 2 VDC                      | tightening torque max.      | 2 Nm (Front: 1,4 Nm)           |
| output current                             | < 100 mA                     | ambient conditions          |                                |
|                                            |                              | operating temperature       | -25 ... +75 °C                 |
|                                            |                              | protection class            | IP 67                          |

## IFRM 05N15A3/KS35PL

Inductive proximity switch - subminiature

Article number: 10160288

### dimension drawing



### connection diagram

