

#### overview

- 0,8 mm
- NPN make function (NO)
- flylead connector M8
- -25 ... 75 °C
- IP 67



#### Technical data

##### general data

|                                            |                              |
|--------------------------------------------|------------------------------|
| mounting type                              | flush                        |
| nominal sensing distance<br>S <sub>n</sub> | 0,8 mm                       |
| hysteresis                                 | 2 ... 20 % of S <sub>r</sub> |
| output indicator                           | LED red                      |

##### electrical data

|                                       |                        |
|---------------------------------------|------------------------|
| switching frequency                   | < 3 kHz                |
| voltage supply range +V <sub>s</sub>  | 10 ... 30 VDC          |
| current consumption max.<br>(no load) | 12 mA                  |
| output circuit                        | NPN make function (NO) |
| voltage drop V <sub>d</sub>           | < 2 VDC                |
| output current                        | < 100 mA               |

##### electrical data

|                             |     |
|-----------------------------|-----|
| short circuit protection    | yes |
| reverse polarity protection | yes |

##### mechanical data

|                         |                        |
|-------------------------|------------------------|
| type                    | cylindrical threaded   |
| material (sensing face) | POM                    |
| housing material        | stainless steel        |
| dimension               | 4 mm                   |
| housing length          | 22 mm                  |
| connection types        | flylead connector M8   |
| tightening torque max.  | 1,8 Nm (Front: 1,2 Nm) |

##### ambient conditions

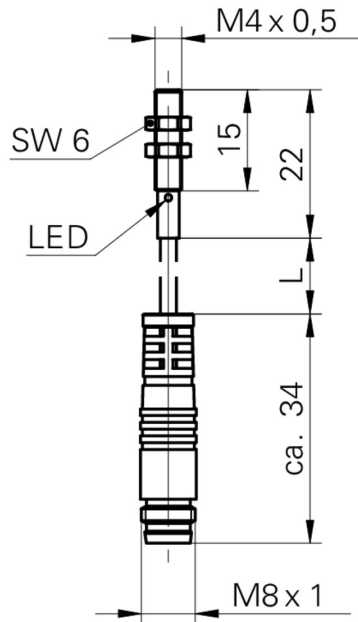
|                       |                |
|-----------------------|----------------|
| operating temperature | -25 ... +75 °C |
| protection class      | IP 67          |

## IFRM 04N15B1/KS35PL

Inductive proximity switch - subminiature

Article number: 10152852

### dimension drawing



### connection diagram

