

## IFRM 18N13T1/PL

Inductive proximity switch - outdoor and washdown

Article number: 11016659

### overview

- 12 mm
- NPN make function (NO)
- cable PUR 3 x 0,25, 2 m
- -40 ... 80 °C
- IP 67



### Technical data

#### general data

|                                            |                              |
|--------------------------------------------|------------------------------|
| mounting type                              | non-flush                    |
| special type                               | Outdoor design               |
| nominal sensing distance<br>S <sub>n</sub> | 12 mm                        |
| hysteresis                                 | 2 ... 15 % of S <sub>r</sub> |
| output indicator                           | LED red                      |

#### electrical data

|                                       |                        |
|---------------------------------------|------------------------|
| switching frequency                   | < 500 Hz               |
| voltage supply range +V <sub>s</sub>  | 10 ... 30 VDC          |
| current consumption max.<br>(no load) | 10 mA                  |
| output circuit                        | NPN make function (NO) |
| voltage drop V <sub>d</sub>           | < 2 VDC                |
| output current                        | < 200 mA               |

#### electrical data

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

#### mechanical data

|                         |                         |
|-------------------------|-------------------------|
| type                    | cylindrical threaded    |
| material (sensing face) | PBT                     |
| housing material        | brass nickel plated     |
| dimension               | 18 mm                   |
| housing length          | 50 mm                   |
| connection types        | cable PUR 3 x 0,25, 2 m |
| tightening torque max.  | 40 Nm (Front: 28 Nm)    |

#### ambient conditions

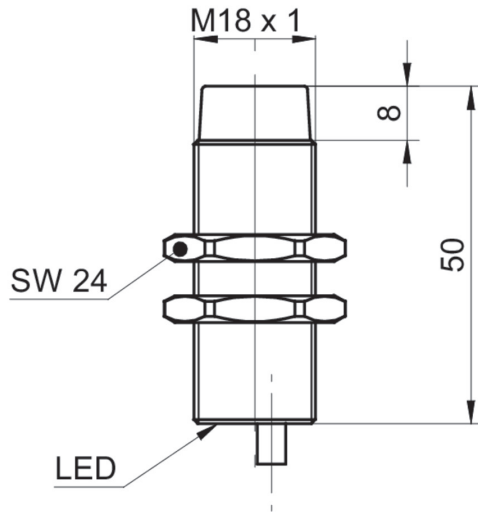
|                       |                |
|-----------------------|----------------|
| operating temperature | -40 ... +80 °C |
| protection class      | IP 67          |

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### dimension drawing



### connection diagram

