

IFRM 12P3702/L

Inductive proximity switch - standard

Article number: 10229700

overview

- 4 mm
- PNP break function (NC)
- cable, 2 m
- -25 ... 75 °C
- IP 67



Technical data

general data

|                                |                  |
|--------------------------------|------------------|
| mounting type                  | flush            |
| nominal sensing distance<br>Sn | 4 mm             |
| hysteresis                     | 3 ... 20 % of Sr |
| output indicator               | LED red          |

electrical data

|                                       |                         |
|---------------------------------------|-------------------------|
| switching frequency                   | < 2 kHz                 |
| voltage supply range +Vs              | 10 ... 30 VDC           |
| current consumption max.<br>(no load) | 10 mA                   |
| output circuit                        | PNP break function (NC) |
| voltage drop Vd                       | < 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               | 12 mm                |
| housing length          | 40 mm                |
| connection types        | cable, 2 m           |
| tightening torque max.  | 15 Nm (Front: 10 Nm) |

ambient conditions

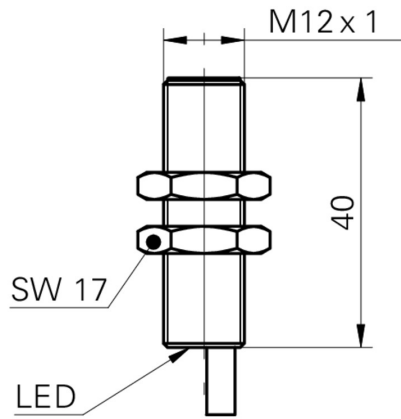
|                       |                |
|-----------------------|----------------|
| operating temperature | -25 ... +75 °C |
| protection class      | IP 67          |

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### dimension drawing



### connection diagram

