

**IFRM 08P1713/L**

Inductive proximity switch - subminiature

Article number: 10230288

**overview**

- 2 mm
- PNP make function (NO)
- cable, 2 m
- -25 ... 75 °C
- IP 67



**Technical data**

**general data**

|                                            |                              |
|--------------------------------------------|------------------------------|
| mounting type                              | flush                        |
| nominal sensing distance<br>S <sub>n</sub> | 2 mm                         |
| hysteresis                                 | 3 ... 20 % of S <sub>r</sub> |
| output indicator                           | LED red                      |

**electrical data**

|                                       |                        |
|---------------------------------------|------------------------|
| switching frequency                   | < 5 kHz                |
| voltage supply range +V <sub>s</sub>  | 10 ... 30 VDC          |
| current consumption max.<br>(no load) | 12 mA                  |
| output circuit                        | PNP 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        | stainless steel      |
| dimension               | 8 mm                 |
| housing length          | 22 mm                |
| connection types        | cable, 2 m           |
| tightening torque max.  | 10 Nm (Front: 7 Nm)  |

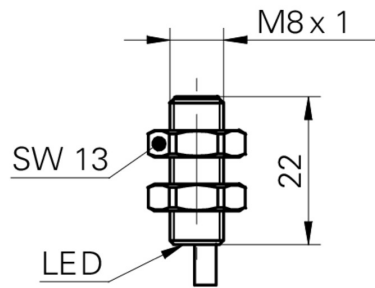
**ambient conditions**

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

**remarks**

- short robust steel housing

**dimension drawing**



**connection diagram**

