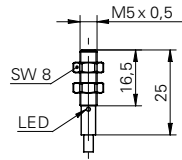


Inductive proximity switch

IFRM 05N15A1/L

dimension drawing



general data

| | |
|--------------------------------|---------------------|
| mounting type | flush |
| nominal sensing distance S_n | 1 mm |
| hysteresis | 2 ... 20 % of S_r |
| output indicator | LED red |

electrical data

| | |
|------------------------------------|------------------------|
| switching frequency | < 5 kHz |
| voltage supply range +Vs | 10 ... 30 VDC |
| current consumption max. (no load) | 12 mA |
| output circuit | NPN make function (NO) |
| voltage drop Vd | < 2 VDC |
| output current | < 100 mA |
| short circuit protection | yes |
| reverse polarity protection | yes |

mechanical data

| | |
|-------------------------|----------------------|
| type | cylindrical threaded |
| material (sensing face) | LCP |
| housing material | stainless steel |
| dimension | 5 mm |
| housing length | 25 mm |
| connection types | cable, 2 m |

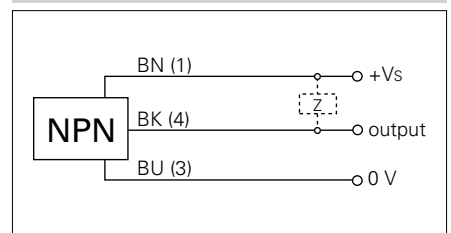
ambient conditions

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

photo



connection diagram



- standard execution with PUR cable
- 25 mm housing length