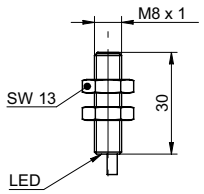
# Inductive proximity switch

# IGYX 08P17B3/L

## dimension drawing




| general data | |
|---|---|
| mounting type | flush |
| nominal sensing distance Sn | 2 mm |
| assured sensing distance Sa | 1,6 mm |
| temperature drift | ± 10 % of Sr (0 ... +60 °C) |
| hysteresis | 3 ... 20 % of Sr |
| output indicator | LED red |

| electrical data | |
|---|---|
| switching frequency | < 3 kHz |
| voltage supply range +Vs | 10 ... 30 VDC |
| current consumption max. (no load) | 15 mA |
| output circuit | PNP make function (NO) |
| voltage drop Vd | < 2,5 VDC |
| output current | < 200 mA |
| short circuit protection | yes |
| reverse polarity protection | yes |

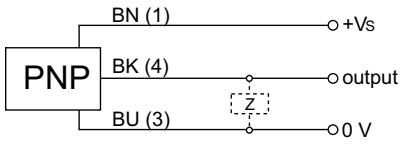
| mechanical data | |
|---|---|
| type | cylindrical threaded |
| material (sensing face) | PBT, red |
| housing material | stainless steel |
| dimension | 8 mm |
| housing length | 30 mm |
| connection types | cable, 2 m |
| tightening torque max. | 5 Nm |

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

## photo



## connection diagram




- Compliant with EMC requirements of EN 60947-5-2: 2007