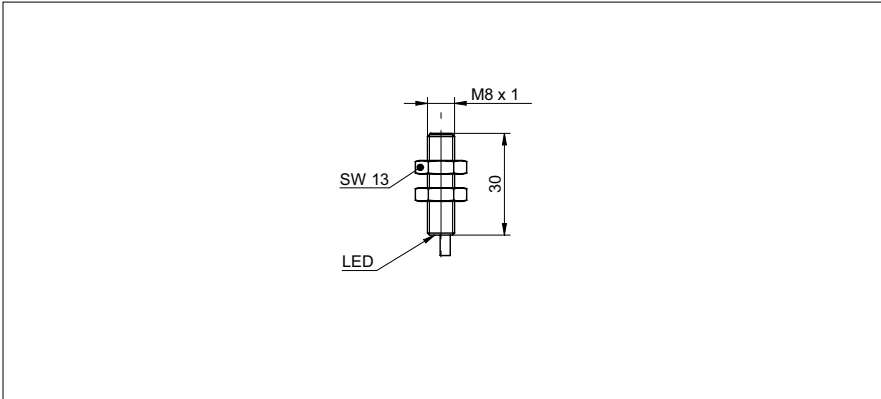


Inductive proximity switch

IGYX 08P37B3/L

dimension drawing



general data

| | |
|--------------------------------|------------------------------------|
| mounting type | flush |
| nominal sensing distance S_n | 2 mm |
| assured sensing distance S_a | 1,6 mm |
| temperature drift | $\pm 10\%$ of S_r (0 ... +60 °C) |
| hysteresis | 3 ... 20 % of S_r |
| 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 break function (NC) |
| 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