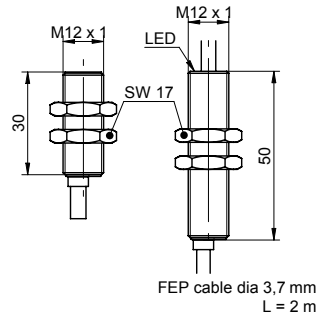


Inductive sensors special versions

IFRH 12P1501/L

dimension drawing



general data

| | |
|--------------------------------|---------------------|
| mounting type | flush |
| special type | high temperature |
| nominal sensing distance S_n | 2 mm |
| hysteresis | 2 ... 20 % of S_r |

electrical data

| | |
|------------------------------------|------------------------|
| switching frequency | < 2 kHz |
| voltage supply range +Vs | 10 ... 30 VDC |
| current consumption max. (no load) | 12 mA |
| output circuit | PNP make function (NO) |
| voltage drop V_d | < 2 VDC |
| output current | < 200 mA |
| short circuit protection | yes |
| reverse polarity protection | yes |

mechanical data

| | |
|------------------|----------------------|
| type | cylindrical threaded |
| housing material | brass nickel plated |
| dimension | 12 mm |
| housing length | 30 mm |
| connection types | cable, 2 m |

ambient conditions

| | |
|-----------------------|-----------------|
| operating temperature | -25 ... +180 °C |
| protection class | IP 67 |

photo



connection diagram



- Data sheet describes the sensor head
- inline amplifier (-25 ... +75 °C)
- FEP cable