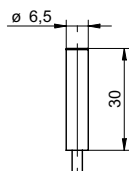


Inductive sensors special versions

IFRM 06P1707

dimension drawing



general data

| | |
|--------------------------------|---------------------|
| mounting type | shielded |
| special type | high temperature |
| nominal sensing distance S_n | 2 mm |
| hysteresis | 3 ... 20 % of S_r |

electrical data

| | |
|------------------------------------|------------------------|
| switching frequency | < 5 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 | < 100 mA |
| short circuit protection | yes |
| reverse polarity protection | yes |

mechanical data

| | |
|-------------------------|--------------------|
| type | cylindrical smooth |
| material (sensing face) | PBT |
| housing material | stainless steel |
| dimension | 6,5 mm |
| housing length | 30 mm |
| connection types | cable FEP, 1 m |

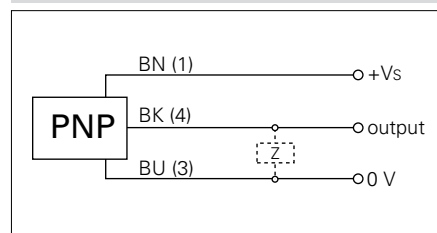
ambient conditions

| | |
|-----------------------|-----------------|
| operating temperature | -25 ... +100 °C |
| protection class | IP 67 |

photo



connection diagram



- with integral electronics of up to +100 °C