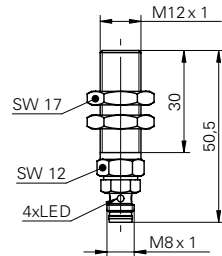


Inductive sensors special versions

IARM 12P1503/S35L

dimension drawing



general data

| | |
|--------------------------------|---------------------|
| mounting type | shielded |
| special type | with banking screw |
| nominal sensing distance S_n | 1,2 mm |
| hysteresis | 3 ... 20 % of S_r |
| output indicator | 4 port LED red |

electrical data

| | |
|-----------------------------|------------------------|
| switching frequency | < 5 kHz |
| voltage supply range +Vs | 10 ... 30 VDC |
| current consumption max. | 18 mA |
| output circuit | PNP make function (NO) |
| voltage drop V_d | < 3 VDC |
| output current | < 200 mA |
| short circuit protection | yes |
| reverse polarity protection | yes |

mechanical data

| | |
|-------------------------|------------------------|
| type | cylindrical threaded |
| material (sensing face) | PBT |
| housing material | steel / hardened steel |
| dimension | 12 mm |
| housing length | 50,5 mm |
| connection types | connector M8 |

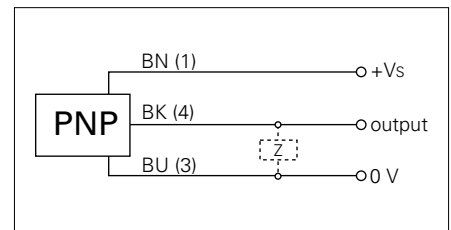
ambient conditions

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

photo



connection diagram



- hardened steel face
- M8 x 1 quick disconnect