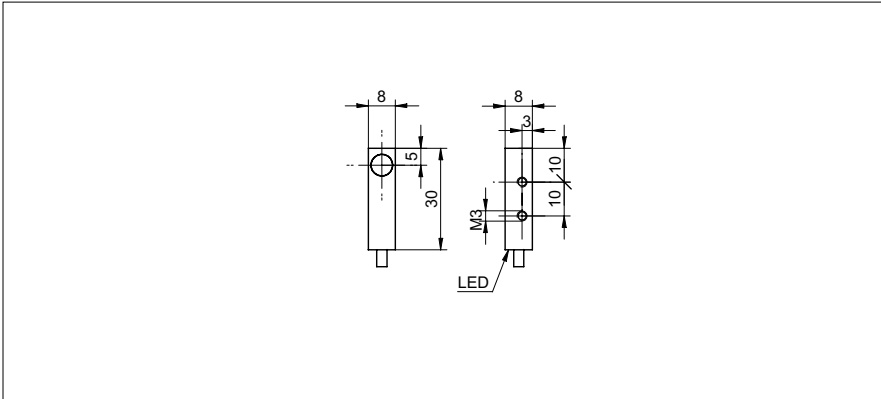


Magnetic proximity switches

MFFM 08N1424/PL

dimension drawing



general data

| | |
|-----------------------------|-------------------|
| type | magneto-resistive |
| assured sensing distance Sa | 60 mm |
| output indicator | LED red |
| mounting type | flush |
| nominal operation point | 2,5 mT |
| hysteresis | 2 ... 20 % of Sr |
| repeat accuracy | < 1 % of Sr |

electrical data

| | |
|------------------------------------|------------------------|
| switching frequency | < 5 kHz |
| voltage supply range +Vs | 10 ... 30 VDC |
| current consumption max. (no load) | 20 mA |
| voltage drop Vd | < 3 VDC |
| output current | < 150 mA |
| output circuit | NPN make function (NO) |
| short circuit protection | yes |
| reverse polarity protection | yes, Vs to GND |

mechanical data

| | |
|-------------------------|---------------------|
| material (sensing face) | PBT |
| type | rectangular |
| dimension | 8 mm |
| housing material | brass nickel plated |
| housing length | 30 mm |
| connection types | cable PUR, 2 m |

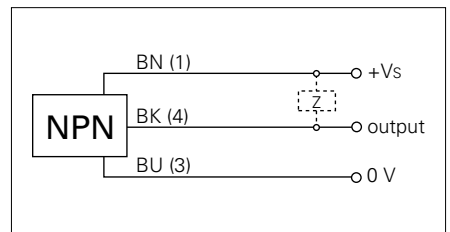
ambient conditions

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

photo



connection diagram



- Assured sensing distance in conjunction with permanent magnet 11053959 (available as an accessory)