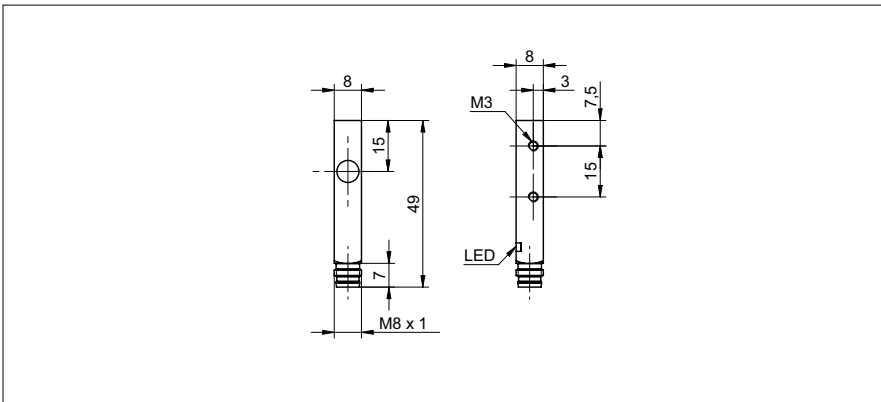


Inductive proximity switch

IFFM 08 (long, O2)

sample drawing



general data

| | |
|--------------------------------|---------------------|
| mounting type | flush |
| nominal sensing distance S_n | 2 mm |
| hysteresis | 3 ... 20 % of S_r |
| output indicator | LED red |

electrical data

| | |
|------------------------------------|---------------|
| switching frequency | < 5 kHz |
| voltage supply range +Vs | 10 ... 30 VDC |
| current consumption max. (no load) | 12 mA |
| voltage drop Vd | < 2 VDC |
| output current | < 200 mA |
| short circuit protection | yes |
| reverse polarity protection | yes |

mechanical data

| | |
|-------------------------|---------------------|
| type | rectangular |
| material (sensing face) | PBT |
| housing material | brass nickel plated |
| dimension | 8 mm |
| housing length | 49 mm |
| connection types | connector M8 |

ambient conditions

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

order reference

| | |
|----------------------------|-------------------------|
| IFFM 08N1703/O2S35L | NPN make function (NO) |
| IFFM 08N3703/O2S35L | NPN break function (NC) |
| IFFM 08P1703/O2S35L | PNP make function (NO) |
| IFFM 08P3703/O2S35L | PNP break function (NC) |

output circuit

sample picture

