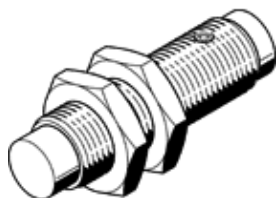


Proximity Sensor SIED-M18NB-ZS-S-L

Part number: 538275

FESTO

With plug, non-flush mounting



Data sheet

| Feature | Value |
|---|---|
| Design | Round |
| Conforms to standard | EN 60947-5-2 |
| Authorization | RCM Mark c UL us - Listed (OL) |
| CE symbol (see declaration of conformity) | according to EU-EMV guideline according to EU low voltage guideline |
| Measuring principle | Inductive |
| Nominal switching distance | 8 mm |
| Guaranteed switching distance | 6.5 mm |
| Reduction factors | Aluminum = 0.4 Stainless steel, St 18/8 = 0.7 Copper = 0.3 Brass = 0.4 Steel, St 37 = 1.0 |
| Ambient temperature | -25 ... 85 °C |
| Repetition accuracy | 0.2 mm |
| Switch output | Non-contacting 2-wire |
| Switching element function | Normally open contact |
| Hysteresis | 0.03 ... 1.9 mm |
| Max. switching frequency, DC | 340 Hz |
| Max. switching frequency, AC | 25 Hz |
| Max. output current | 300 mA |
| Voltage drop | ≤ 8 V |
| Minimum load current | 5 mA |
| Short circuit strength | No |
| Operating voltage range AC | 20 ... 265 V |
| Operating voltage range DC | 20 ... 320 V |
| Line frequency | 50 Hz |
| Idle current | ≤ 1.5 mA |
| Polarity protected | for all electrical connections |
| Electrical connection | 2-pin M12x1 Plug |
| Size | M18 |
| Mounting type | with lock nut |
| Tightening torque | 30 Nm |
| Type of installation | not flush |
| Product weight | 50 g |
| Material housing | Brass PA Nickel plated |
| Operating status display | Yellow LED |
| Protection class | IP67 |
| Corrosion resistance classification CRC | 1 - Low corrosion stress |
| PWIS conformity | VDMA24364-B2-L |