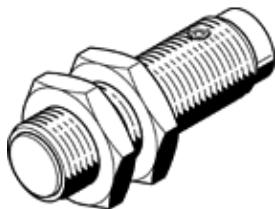


proximity sensor SIED-M18B-ZO-S-L

Part number: 538281

FESTO

With plug, flush mounting



Data sheet

| Feature | Value |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------|
| Design | Round |
| Conforms to standard | EN 60947-5-2 |
| Authorisation | RCM Mark c UL us - Listed (OL) |
| CE mark (see declaration of conformity) | to EU directive for EMC to EU directive low-voltage devices |
| Materials note | Free of copper and PTFE |
| Measuring principle | Inductive |
| Nominal switching distance | 5 mm |
| Guaranteed switching distance | 4.05 mm |
| Reduction factors | Aluminium = 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 | 0.15 mm |
| Switch output | Non-contacting 2-wire |
| Switching element function | Normally closed contact |
| Hysteresis | 0.04 ... 1.15 mm |
| Max. switching frequency, DC | 490 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 | 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 |