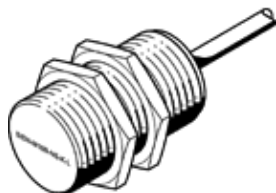


proximity sensor SIEN-M18B-NO-K-L

Part number: 150420

FESTO

Inductive, with standard switching distance.



Data sheet

| Feature | Value |
|--|--|
| 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 |
| Materials note | Conforms to RoHS |
| Nominal switching distance | 5 mm |
| Guaranteed switching distance | 4.05 mm |
| Reduction factors | Aluminium = 0.4 Stainless steel, St 18/8 = 0.8 Copper = 0.4 Brass = 0.5 Steel, St 37 = 1.0 |
| Ambient temperature | -25 ... 70 °C |
| Repetition accuracy | 0.25 mm |
| Switch output | NPN |
| Switching element function | Normally closed contact |
| Hysteresis | ≤ 0.55 mm |
| Max. switching frequency | 2,000 Hz |
| Max. output current | 200 mA |
| Voltage drop | 2 V |
| Short circuit strength | Pulsing |
| Operating voltage range DC | 10 ... 30 V |
| Residual ripple | +/- 20 % |
| Idle current | ≤ 10 mA |
| Polarity protected | for all electrical connections |
| Electrical connection | 3-core Cable |
| Cable length | 2.5 m |
| Material cable sheath | TPE-U(PUR) |
| Size | M18x1 |
| Mounting type | with lock nut |
| Tightening torque | 20 Nm |
| Type of installation | flush |
| Product weight | 108 g |
| Material housing | Brass PBTP Nickel plated |
| Operating status display | Yellow LED |
| Ambient temperature with flexible cable installation | -5 ... 70 °C |
| Protection class | IP67 |
| PWIS conformity | VDMA24364-B2-L |
| Degree of contamination | 3 |