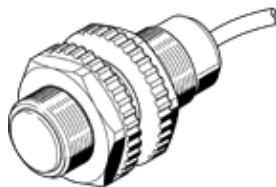


proximity sensor SIEN-M30B-NS-K-L-PA

Part number: 538328

FESTO

With cable, 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 |
| Materials note | Free of copper and PTFE |
| Measuring principle | Inductive |
| Nominal switching distance | 10 mm |
| Guaranteed switching distance | 8.1 mm |
| Reduction factors | Aluminium = 0.35 to 0.5 Stainless steel, St 18/8 = 0.6 to 1.0 Copper = 0.25 to 0.45 Brass = 0.35 to 0.5 Steel, St 37 = 1.0 |
| Ambient temperature | -25 ... 70 °C |
| Repetition accuracy | 0.2 mm |
| Switch output | NPN |
| Switching element function | Normally open contact |
| Hysteresis | 0.3 ... 1.5 mm |
| Max. switching frequency, DC | 500 Hz |
| Max. output current | 200 mA |
| Voltage drop | ≤ 1.8 V |
| Short circuit strength | Pulsing |
| Operating voltage range DC | 10 ... 30 V |
| Residual ripple | 10 % |
| Idle current | ≤ 15 mA |
| Polarity protected | for all electrical connections |
| Electrical connection | 3-core Cable |
| Cable length | 2.5 m |
| Material cable sheath | PVC |
| Material insulation | PVC |
| Size | M30 |
| Mounting type | with lock nut |
| Tightening torque | 5 Nm |
| Type of installation | flush |
| Product weight | 158 g |
| Material housing | PA-reinforced |
| Operating status display | Yellow LED |
| Ambient temperature with flexible cable installation | 0 ... 70 °C |
| Protection class | IP65 IP67 |
| Corrosion resistance classification CRC | 4 - Very high corrosion stress |