

proximity sensor SIEN-6,5B-NS-K-L

Part number: 150376

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 |
| Nominal switching distance | 1.5 mm |
| Guaranteed switching distance | 1.21 mm |
| Reduction factors | Aluminium = 0.25 Stainless steel, St 18/8 = 0.7 Copper = 0.2 Brass = 0.35 Steel, St 37 = 1.0 |
| Ambient temperature | -25 ... 70 °C |
| Repetition accuracy for constant conditions | 0,07 mm |
| Switch output | NPN |
| Switching element function | Normally open contact |
| Hysteresis | ≤ 0.07 mm |
| Max. switching frequency | 5,000 Hz |
| Max. output current | 200 mA |
| Voltage drop | ≤ 2 V |
| Inductive protective circuit | Integrated |
| Short circuit strength | Pulsing |
| Operating voltage range DC | 10 ... 30 V |
| Residual ripple | ± 10% |
| Idle current | ≤ 10 mA |
| Polarity protected | for all electrical connections |
| Electrical connection | Cable |
| Cable length | 2.5 m |
| Material cable sheath | TPE-U(PUR) |
| Size | 6,5 mm |
| Mounting type | Clamped |
| Type of installation | flush |
| Product weight | 45 g |
| Material housing | PA High alloy steel, non-corrosive |
| Operating status display | Yellow LED |
| Ambient temperature with flexible cable installation | -5 ... 70 °C |
| Protection class | IP65 IP67 |
| Corrosion resistance classification CRC | 2 - Moderate corrosion stress |
| PWIS conformity | VDMA24364-B2-L |