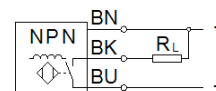


Proximity Sensor SIEN-4B-NS-K-L

Part number: 150360

FESTO

Inductive, with standard switching distance.



Data sheet

| Feature | Value |
|---|---|
| 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 |
| Nominal switching distance | 0.8 mm |
| Guaranteed switching distance | 0.64 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 ... 70 °C |
| Repetition accuracy | 0.04 mm |
| Switch output | NPN |
| Switching element function | Normally open contact |
| Max. switching frequency | 3,000 Hz |
| Max. switching frequency, DC | 3,000 Hz |
| Max. output current | 200 mA |
| Voltage drop | 2 V |
| 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 | 3-core Cable |
| Cable length | 2.5 m |
| Material cable sheath | TPE-U(PUR) |
| Size | 4 mm |
| Mounting type | Clamped |
| Type of installation | flush |
| Product weight | 48 g |
| Material housing | High alloy steel, non-corrosive |
| Operating status display | Yellow LED |
| Protection class | IP67 |
| PWIS conformity | VDMA24364-B2-L |