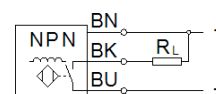
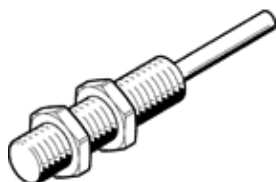


Proximity Sensor SIEH-M12B-NS-K-L-CR

Part number: 538254

FESTO

Inductive, for large switching distances.



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 | 6 mm |
| Guaranteed switching distance | 4.86 mm |
| Reduction factors | Aluminum = 1.0 stainless steel 1 mm thick = 0.45 stainless steel 2 mm thick = 0.9 copper = 0.85 brass = 1.3 Steel, St 37 = 1.0 |
| Ambient temperature | -25 ... 70 °C |
| Switch output | NPN |
| Switching element function | Normally open contact |
| Reproducibility, switching value FS | 0.3 mm |
| Hysteresis | ≤ 0.73 mm |
| Max. switching frequency | 600 Hz |
| Max. output current | 200 mA |
| Voltage drop | ≤ 2 V |
| Inductive protective circuit | Integrated output current < 100mA and switching frequency < 10Hz |
| Short circuit strength | Pulsing |
| Operating voltage range DC | 10 ... 30 V |
| Residual ripple | 20 % |
| Idle current | ≤ 17 mA |
| Polarity protected | for all electrical connections |
| Electrical connection | 3-core Cable |
| Material cable sheath | TPE-U(PUR) |
| Size | M12 |
| Mounting type | with lock nut |
| Type of installation | flush |
| Product weight | 90 g |
| Material housing | High alloy steel |
| Operating status display | Yellow LED |
| Ambient temperature with flexible cable installation | -5 ... 70 °C |
| Protection class | IP67 IP69K |
| Sensor assembly pressure resistance | 80 bar |
| Corrosion resistance classification CRC | 2 - Moderate corrosion stress |
| PWIS conformity | VDMA24364-B2-L |