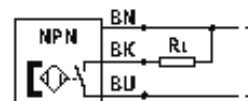
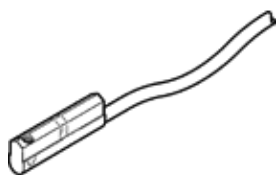


Proximity Sensor SMT-10-NS-KL-LED-24

Part number: 173222

FESTO

Electrical, contactless, NPN, for actuators with 10 mm sensor slot, with cable.



Data sheet

| Feature | Value |
|---|---|
| Design | for round slot |
| Conforms to standard | EN 60947-5-2 |
| Authorization | C-Tick |
| CE symbol (see declaration of conformity) | according to EU-EMV guideline |
| Materials note | Free of copper and PTFE |
| Measuring principle | Magnetostrictive |
| Ambient temperature | -20 ... 60 °C |
| Switch output | NPN |
| Switching element function | Normally open contact |
| Reproducibility of switching value | +/- 0,1 mm |
| Switch-on time | ≤ 0.2 ms |
| Switch-off time | ≤ 0.2 ms |
| Max. output current | 200 mA |
| Max. contact rating DC | 6 W |
| Voltage drop | 1.7 V |
| Residual current | ≤ 0.01 mA |
| Short circuit strength | Pulsing |
| Overload withstand capability | Available |
| Operating voltage range DC | 10 ... 30 V |
| Polarity protected | for all electrical connections |
| Electrical connection | Cable 3-core |
| Connector exit direction | axial |
| Cable length | 2.5 m |
| Materials information, cable sheaths | PUR |
| Mounting type | Clamped in round slot Insertable into slot lengthwise |
| Tightening torque | 0.05 ... 0.1 Nm |
| Product weight | 20 g |
| Materials information, housing | Nickel plated Brass PA High alloy steel, non-corrosive |
| Operating status display | Yellow LED |
| Ambient temperature | -5 ... 60 °C |
| Protection class | IP65 IP67 |
| Insulation voltage | 50 V |
| Degree of contamination | 3 |