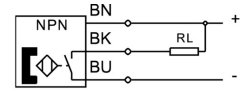
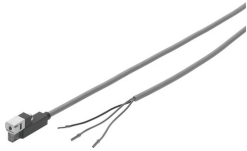


Proximity sensor SMT-8G-NS-24V-E-2,5Q-OE

Part number: 8065028

FESTO



Data sheet

| Feature | Value |
|--|--|
| Type code | SMT |
| Electrical connection 1, connection technology | Open end |
| Electrical connection 1, connection type | Cable |
| KC characters | KC EMC |
| Electrical connection 1, number of pins/wires | 3 |
| Symbol | 00991149 |
| Certification | RCM compliance mark c UL us - Listed (OL) |
| CE marking (see declaration of conformity) | As per EU EMC directive |
| Note on materials | RoHS-compliant |
| Measuring principle | Magneto-resistive |
| Ambient temperature | -20 °C ... 70 °C |
| Switching output | NPN |
| Switching element function | N/O contact |
| Reproducibility of switching value | 0.2 mm |
| Max. output current | 100 mA |
| Max. switching capacity DC | 2.8 W |
| Short-circuit protection | yes |
| Overload protection | Available |
| DC operating voltage range | 10 V ... 30 V |
| Reverse polarity protection | for all electrical connections |
| Connection outlet orientation | Transverse |
| Connector cable test conditions | Cable chain: 5 million cycles, bending radius 28 mm Flexural strength: as per Festo standard Torsional resistance: > 300 000 cycles, ±270°/0.1 m Test conditions on request |
| Cable length | 2.5 m |
| Cable characteristic | Suitability for energy chains/robot applications |
| Material of cable sheath | TPE-U(PU) |
| Type of mounting | Clamped in T slot Can be inserted in slot lengthwise |
| Housing material | PA-reinforced |
| Ambient temperature with flexible cable installation | -5 °C ... 70 °C |
| Degree of protection | IP65 IP68 |