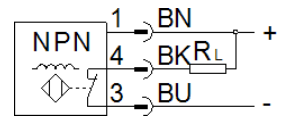
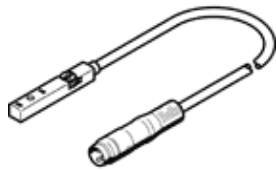


proximity sensor SIES-8M-NO-24V-K-10-M8D

Part number: 551405

FESTO

inductive, cable with plug, can be flush-mounted, N/C function



Data sheet

| Feature | Value |
|---|---|
| Design | for T-slot |
| 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 |
| KC mark | KC-EMV |
| Materials note | Free of copper and PTFE Conforms to RoHS |
| Nominal switching distance | 1.5 mm |
| Reduction factors | Aluminium = 0.62 Stainless steel V2A = 0.95 Copper = 0.6 Brass = 0.72 Steel, St 37 = 1.0 |
| Ambient temperature | -25 ... 70 °C |
| Repetition accuracy for constant conditions | ≤ 0.05 mm, approach from the side |
| Switching output | NPN |
| Switching element function | Normally closed contact |
| Max. switching frequency | 4,500 Hz |
| Max. output current | 150 mA |
| Short circuit strength | Pulsing |
| Operating voltage range DC | 10 ... 30 V |
| Idle current | ≤ 10 mA |
| Polarity protected | for all electrical connections |
| Electrical connection | 3-pin Cable with plug M8x1 Turnable threads |
| Connector exit direction | axial |
| Test conditions of cable | Bending strength according to Festo standard Test conditions on request Chain link trunking: 5 million cycles, bending radius 75 mm |
| Cable length | 10 m |
| Cable attribute | Standard + chain link trunking |
| Material cable sheath | TPE-U(PU) |
| Size | Slot 8 |
| Mounting type | flush with T-slot Tightened Insertable in slot from above |
| Material housing | Nickel-plated brass PA PUR High alloy steel, non-corrosive |
| Operating status display | Yellow LED |

| Feature | Value |
|--|--------------|
| Ambient temperature with flexible cable installation | -5 ... 70 °C |
| Protection class | IP65 IP67 |
| Insulation voltage | 50 V |
| Surge strength | 0.8 kV |
| Degree of contamination | 3 |