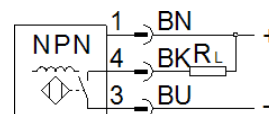


proximity sensor SIES-Q8B-NS-S-L

Part number: 178293

FESTO

Inductive, with plug, can be flush-mounted, normally-open function, negative-switching.



Data sheet

| Feature | Value |
|---|--|
| 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 |
| Materials note | Free of copper and PTFE Conforms to RoHS |
| Nominal switching distance | 1.5 mm |
| Guaranteed switching distance | 1.2 mm |
| Reduction factors | Aluminium = 0.45 Stainless steel, St 18/8 = 0.8 Copper = 0.4 Brass = 0.55 Steel, St 37 = 1.0 |
| Ambient temperature | -25 ... 70 °C |
| Repetition accuracy | 0.07 mm |
| Switch output | NPN |
| Switching element function | Normally open contact |
| Max. switching frequency | 3,500 Hz |
| Max. switching frequency, DC | 1,500 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-pin M8x1 Plug |
| Size | 8x8x59 mm |
| Mounting type | with internal (female) thread |
| Type of installation | flush |
| Product weight | 12 g |
| Material housing | Zinc die-casting Chromed-plated Nickel plated |
| Operating status display | Yellow LED |
| Protection class | IP67 |