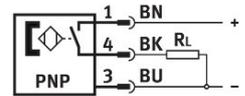


Proximity sensor SMT0-4U-PS-S-LED-24

Part number: 152742

FESTO



Data sheet

| Feature | Value |
|--|---|
| Design | Round |
| Based on standard | EN 60947-5-2 |
| Approval | RCM trademark |
| CE mark (see declaration of conformity) | To EU EMC Directive In accordance with EU RoHS Directive |
| UKCA marking (see declaration of conformity) | To UK instructions for EMC To UK RoHS instructions |
| Note on materials | RoHS-compliant |
| Measured variable | Position |
| Measuring principle | Magneto-inductive |
| Ambient temperature | -25 °C...70 °C |
| Repetition accuracy | 0.2 mm |
| Switching output | PNP |
| Switching element function | N/O contact |
| Switch-on time | 0.5 ms |
| Switch-off time | 0.5 ms |
| Max. output current | 200 mA |
| Max. switching capacity DC | 6 W |
| Voltage drop | 2 V |
| Inductive protective circuit | Integrated |
| Min. load current | 0.1 mA |
| Off-state current | 0.01 mA |
| Short circuit current rating | Pulsed |
| Overload protection | Available |
| Operational voltage range DC | 10 V...30 V |
| Residual ripple | 10 % |
| Reverse polarity protection | For all electrical connections |
| Electrical connection 1, connection type | Plugs |
| Electrical connection 1, connector system | M8x1, A-coded, to EN 61076-2-104 |
| Electrical connection 1, number of connections/cores | 3 |
| Electrical connection 1, type of mounting | Screw-type lock |
| Connection outlet orientation | In-line |

| Feature | Value |
|-----------------------------|-------------------|
| Material electrical contact | Gold-plated brass |
| Type of mounting | With accessories |
| Max. tightening torque | 0.8 Nm |
| Mounting position | optional |
| Product weight | 6 g |
| Housing colour | Black |
| Material housing | PA PET PUR |
| Switching status indication | Yellow LED |
| Degree of protection | IP67 |
| LABS (PWIS) conformity | VDMA24364-B2-L |