

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

Part number: 152836

FESTO



 [General operating condition](#)

Data sheet

| Feature | Value |
|--|---|
| Design | Round |
| Based on standard | EN 60947-5-2 |
| Symbol | 00991152 |
| 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 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 | ≤5 ms |
| Switch-off time | ≤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 | Cable |
| Electrical connection 1, connector system | Open end |
| Electrical connection 1, number of connections/cores | 3 |
| Connection outlet orientation | In-line |
| Cable length | 2.5 m |
| Cable characteristic | Standard |
| Cable sheath colour | Grey |
| Material cable sheath | PVC |
| Material insulating sheath | PVC |

| Feature | Value |
|---------------------------------------|------------------|
| Wire ends | Tin-plated |
| Type of mounting | With accessories |
| Max. tightening torque | 0.8 Nm |
| Mounting position | optional |
| Product weight | 70 g |
| Housing colour | Black |
| Material housing | PET |
| Switching status indication | Yellow LED |
| Ambient temperature with moving cable | -5 °C ... 70 °C |
| Degree of protection | IP67 |
| LABS (PWIS) conformity | VDMA24364-B2-L |