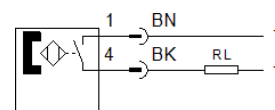
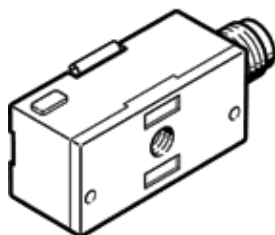


proximity sensor SMEO-1-S-24-B

Part number: 150847

FESTO

With reed switch, without mounting kit.



Data sheet

| Feature | Value |
|------------------------------------------------------|-----------------------------------------------------------------|
| Design | Block design |
| CE mark (see declaration of conformity) | to EU directive for EMC in accordance with EU RoHS directive |
| UKCA marking (see declaration of conformity) | To UK instructions for EMC To UK RoHS instructions |
| Materials note | Conforms to RoHS |
| Measured variable | Position |
| Measuring principle | Reed magnetic |
| Ambient temperature | -20 ... 70 °C |
| Repetition accuracy | 0.2 mm |
| Switch output | with contact, bipolar |
| Switching element function | Normally open contact |
| Switch-on time | ≤ 0.5 ms |
| Max. switching frequency | 500 Hz |
| Max. output current | 1 A |
| Max. contact rating AC | 27 VA |
| Max. contact rating DC | 27 W |
| Short circuit strength | No |
| Overload withstand capability | Not available |
| Operating voltage range DC | 0 ... 30 V |
| Polarity protected | No |
| Electrical connection 1, connection type | Plug |
| Electrical connection 1, connection technology | M8x1, A-coded to EN 61076-2-104 |
| Electrical connection 1, number of pins/wires | 3 |
| Connector exit direction | axial |
| Mounting type | with accessories |
| Assembly position | Any |
| Product weight | 20 g |
| Housing colour | Black |
| Material housing | Epoxy resin PET Steel Zinc die-casting |
| Ambient temperature with flexible cable installation | -5 ... 70 °C |
| Protection class | IP67 |
| PWIS conformity | VDMA24364-B2-L |