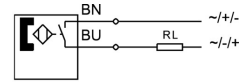


Proximity sensor SMEO-1-B

Part number: 30457

FESTO



Data sheet

| Feature | Value |
|--|---------------------------------|
| Type code | SMEO |
| Design | Block design |
| Conforms to standard | DIN EN 60947-5-2 |
| Symbol | 00991624 |
| CE marking (see declaration of conformity) | As per EU low voltage directive |
| Note on materials | Free of copper and PTFE |
| Measuring principle | Magnetic reed |
| Ambient temperature | -20 °C ... 70 °C |
| Switching output | Contact-based, bipolar |
| Switching element function | N/O contact |
| Reproducibility of switching value | +/- 0.1 mm |
| On time | 0.5 ms |
| Switch-off time | 0.03 ms |
| Max. switching frequency | 500 Hz |
| Max. output current | 1000 mA |
| Max. output current AC | 1000 mA |
| Max. output current DC | 1000 mA |
| Min. switching capacity AC | 40 VA |
| Max. switching capacity DC | 40 W |
| Voltage drop | ≤0 V |
| Residual current | 0 mA |
| Short-circuit protection | no |
| Overload protection | Not available |
| Operating voltage range AC | 0 V ... 250 V |
| DC operating voltage range | 0 V ... 200 V |
| Reverse polarity protection | no |
| Electrical connection | 2-wire Cable |
| Connection outlet orientation | Longitudinal |
| Cable length | 2.5 m |
| Material of cable sheath | PVC |
| Type of mounting | With accessories |
| Tightening torque | 2.9 Nm |
| Product weight | 100 g |

| Feature | Value |
|--|---|
| Housing material | Epoxy resin PC PET Steel TPE-O Die-cast zinc |
| Ambient temperature with flexible cable installation | -5 °C ... 70 °C |
| Degree of protection | IP67 |
| Surge resistance | 4 kV |
| Contamination level | 3 |