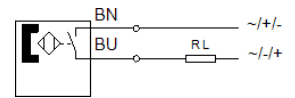
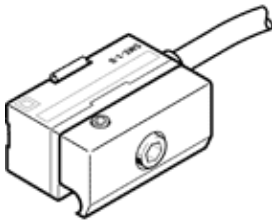


# Proximity Sensor SME-1-B

Part number: 151668

FESTO



## Data sheet

| Feature  | Value  |
|--|--|
| Design   | Block design   |
| Conforms to standard                           | DIN EN 60947-5-2   |
| CE symbol (see declaration of conformity)      | according to EU-EMV guideline<br>according to EU low voltage guideline<br>in accordance with EU RoHS directive |
| UKCA marking (see declaration of conformity)   | To UK instructions for electrical equipment<br>To UK instructions for EMC<br>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   |
| Switch-off time                                | 0.03 ms  |
| Max. switching frequency                       | 500 Hz   |
| Max. output current                            | 1 A  |
| Max. output current AC                         | 1 A  |
| Max. output current DC                         | 1 A  |
| Max. contact rating AC                         | 40 VA  |
| Max. contact rating DC                         | 40 W   |
| Voltage drop                                   | ≤ 0 V  |
| Residual current                               | 0 mA   |
| Short circuit strength                         | No   |
| Overload withstand capability                  | Not available  |
| Operating voltage range AC                     | 0 ... 250 V  |
| Operating voltage range DC                     | 0 ... 200 V  |
| Polarity protected                             | No   |
| Electrical connection 1, connection type       | Cable  |
| Electrical connection 1, connection technology | Open end   |
| Electrical connection 1, number of pins/wires  | 2  |
| Connector exit direction                       | axial  |
| Cable length                                   | 2.5 m  |
| Cable sheath color                             | Grey   |
| Material cable sheath                          | PVC  |
| Mounting type                                  | with accessories   |
| Tightening torque                              | 2.9 Nm   |
| Assembly position                              | Any  |
| Product weight                                 | 130 g  |
| Housing color                                  | Black  |
| Material housing                               | Epoxy resin<br>PC<br>PET<br>Steel  |

| Feature  | Value                     |
|--|---------------------------|
|  | TPE-O<br>Zinc die-casting |
| Ambient temperature with flexible cable installation | -5 ... 70 °C              |
| Protection class                                     | IP67                      |
| Insulation voltage                                   | 250 V                     |
| Surge strength                                       | 4 kV                      |
| PWIS conformity                                      | VDMA24364-B2-L            |
| Degree of contamination                              | 3                         |