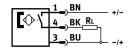
## Proximity sensor SME-1-S-LED-24-B

**FESTO** 

Part number: 150851





General operating condition

## **Data sheet**

| Feature   | Value   |
|---|---|
| Design  | Block design  |
| Symbol  | 00991148  |
| Certification   | RCM compliance mark                                   |
| CE marking (see declaration of conformity)            | As per EU EMC directive As per 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                                   | Magnetic reed   |
| Ambient temperature                                   | -20 °C 70 °C  |
| Repetition accuracy                                   | 0.2 mm  |
| Switching output                                      | Contact-based, bipolar                                |
| Switching element function                            | N/O contact   |
| On time   | ≤0.5 ms   |
| Max. output current                                   | 1000 mA   |
| Min. switching capacity AC                            | 27 VA   |
| Max. switching capacity DC                            | 27 W  |
| Short-circuit protection                              | no  |
| Overload protection                                   | Not available   |
| Operating voltage range AC                            | 12 V 27 V   |
| DC operating voltage range                            | 12 V 27 V   |
| Reverse polarity protection                           | no  |
| Electrical connection 1, connection type              | Plug  |
| Electrical connection 1, connection technology        | M8x1 A-coded as per EN 61076-2-104                    |
| Electrical connection 1, number of pins/wires         | 3   |
| Electrical connection for input 1, connection pattern | 00991155  |
| Connection outlet orientation                         | Longitudinal  |
| Type of mounting                                      | With accessories                                      |
| Mounting position                                     | Any   |
| Product weight  | 45 g  |
| Housing colour  | Black   |
| Housing material                                      | Epoxy resin PET Steel Steel, galvanized Die-cast zinc |

| Feature  | Value          |
|--|----------------|
| Switching status indication                          | LED yellow     |
| Ambient temperature with flexible cable installation | -5 °C 70 °C    |
| Degree of protection                                 | IP67           |
| LABS (PWIS) conformity                               | VDMA24364-B2-L |