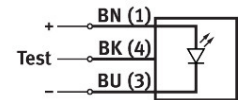


# Transmitter SOEG-S-M18-S-L

Part number: 537703

FESTO



## Data sheet

| Feature  | Value   |
|--|---|
| Design   | Round   |
| Conforms to standard                                 | EN 60947-5-2  |
| Certification  | RCM compliance mark<br>c UL us - Listed (OL)          |
| CE marking (see declaration of conformity)           | As per EU EMC directive<br>As per EU RoHS directive   |
| UKCA marking (see declaration of conformity)         | To UK instructions for EMC<br>To UK RoHS instructions |
| Measured variable                                    | Position  |
| Measuring principle                                  | Optoelectronic  |
| Method of measurement                                | Through-beam sensor<br>Transmitter                    |
| Type of light  | Red   |
| Working range  | 20000 mm  |
| Ambient temperature                                  | -25 °C...55 °C  |
| Short-circuit protection                             | Pulsed  |
| DC operating voltage range                           | 10 V...36 V   |
| Residual ripple                                      | 20 %  |
| Idle current   | 15 mA   |
| Reverse polarity protection                          | for all electrical connections                        |
| Electrical connection                                | 3-pin<br>M12x1<br>Plug                                |
| Size   | M18x1   |
| Type of mounting                                     | With lock nut   |
| Tightening torque                                    | 20 Nm   |
| Product weight                                       | 40 g  |
| Housing material                                     | Brass<br>Chrome-plated                                |
| Material of union nut                                | Brass<br>Chrome-plated                                |
| Ambient temperature with flexible cable installation | -5 °C...55 °C   |
| Degree of protection                                 | IP65<br>IP67  |

| Feature                          | Value                    |
|----------------------------------|--------------------------|
| Corrosion resistance class (CRC) | 1 - Low corrosion stress |
| LABS (PWIS) conformity           | VDMA24364-B2-L           |