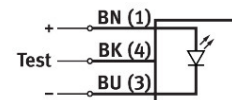


# Transmitter

## SOEG-S-M18W-S-L

Part number: 537695

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                      |
| 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                               |
| Voltage drop   | 2 V  |
| 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                                       | 57 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                                 |
| Corrosion resistance class (CRC)                     | 1 - Low corrosion stress                     |

| Feature                | Value          |
|------------------------|----------------|
| LABS (PWIS) conformity | VDMA24364-B2-L |