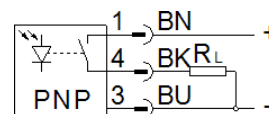
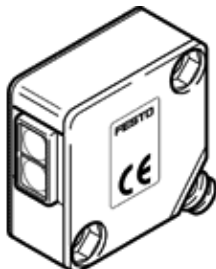


# diffuse sensor SOEG-RT-Q30-PS-S-2L

Part number: 165351  
Product to be discontinued

FESTO

Type to be discontinued. Available until 2020. See Support Portal for alternative products.



## Data sheet

| Feature  | Value                             |
|--|-----------------------------------|
| Conforms to standard                                 | EN 60947-5-2                      |
| Authorisation  | RCM Mark<br>c UL us - Listed (OL) |
| CE mark (see declaration of conformity)              | to EU directive for EMC           |
| Materials note                                       | Free of copper and PTFE           |
| Measurement method                                   | Diffuse reflection sensor         |
| Type of light  | Infrared                          |
| Working range  | 0 ... 600 mm                      |
| Ambient temperature                                  | -25 ... 55 °C                     |
| Switch output  | PNP                               |
| Switching element function                           | Light switching                   |
| Max. switching frequency                             | 1,000 Hz                          |
| Max. output current                                  | 200 mA                            |
| Voltage drop   | 2 V                               |
| Short circuit strength                               | Pulsing                           |
| Operating voltage range DC                           | 10 ... 30 V                       |
| Residual ripple                                      | 20 %                              |
| Idle current   | 25 mA                             |
| Polarity protected                                   | for all electrical connections    |
| Electrical connection                                | Plug<br>M8x1<br>3-pin             |
| Size   | 30x30x15 mm                       |
| Mounting type  | with through hole                 |
| Product weight                                       | 18 g                              |
| Material housing                                     | PBT-reinforced                    |
| Operating status display                             | Yellow LED                        |
| Operating reserve display                            | Green LED                         |
| Setting options                                      | Potentiometer                     |
| Setting range lower limit                            | 0 mm                              |
| Upper limit of adjustment range                      | 600 mm                            |
| Ambient temperature with flexible cable installation | -5 ... 55 °C                      |
| Protection class                                     | IP65                              |
| Corrosion resistance classification CRC              | 2 - Moderate corrosion stress     |