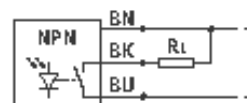
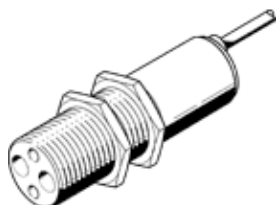


Diffuse light sensor SOEG-RT-M18-NS-K-L

Part number: 165340

FESTO



Data sheet

| Feature | Value |
|---|--------------------------------|
| Conforms to standard | DIN EN 60947-5-2 |
| Short circuit strength | Pulsing |
| Type of light | Infrared |
| Measurement method | Diffuse reflection sensor |
| Switching element function | Light switching |
| Polarity protected | for all electrical connections |
| Setting range lower limit | 20 mm |
| Upper limit of adjustment range | 430 mm |
| Setting options | Potentiometer |
| Operating reserve display | Yellow LED (doesn't blink) |
| Operating status display | Yellow LED |
| Max. switching frequency | 250 Hz |
| Operating voltage range DC | 10 ... 30 V |
| Idle current | 35 mA |
| Max. output current | 200 mA |
| Residual ripple | 10 % |
| Switch output | NPN |
| Voltage drop | 1.8 V |
| CE Symbol | according to EU-EMV guideline |
| Corrosion resistance classification CRC | 2 |
| Protection class | IP65 |
| Ambient temperature | -5 ... 55 °C -5 ... 55 °C |
| Tightening torque | 20 Nm |
| Product weight | 110 g |
| Working range | 0 ... 430 mm |
| Electrical connection | Cable 3-core |
| Cable length | 2.5 m |
| Mounting type | with lock nut |
| Materials information for locknut | Brass Chromed-plated |
| Materials information, housing | Brass Chromed-plated |
| Materials information, cable sheaths | PUR |