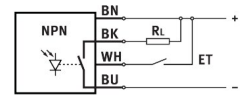
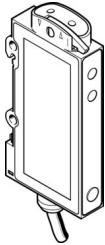


Fiber-optic unit SOE4-FO-L-HF2-1N-K

Part number: 552797

FESTO



[General operating condition](#)

Data sheet

| Feature | Value |
|--|---|
| Design | Block design |
| Conforms to standard | EN 60947-5-2 |
| Symbol | 00991648 |
| Certification | RCM compliance mark c UL us - Listed (OL) |
| CE marking (see declaration of conformity) | As per EU EMC directive As per EU RoHS directive |
| UKCA marking (see declaration of conformity) | To UK RoHS instructions |
| Measured variable | Position |
| Measuring principle | Optoelectronic |
| Method of measurement | Fiber-optic unit |
| Type of light | Red |
| Mutual interference | Protected Up to four devices mounted directly next to each another |
| Ambient temperature | -20 °C ... 60 °C |
| Switching output | NPN |
| Switching element function | Switchable |
| Max. switching frequency | 1500 Hz |
| Max. output current | 100 mA |
| Voltage drop | ≤2.4 V |
| Timer function | 1 - 2000 ms |
| Short-circuit protection | Pulsed |
| DC operating voltage range | 10 V ... 30 V |
| Residual ripple | 10 % |
| Idle current | ≤25 mA |
| Reverse polarity protection | for all electrical operating voltage connections |
| Electrical connection | Cable |
| Electrical connection 1, connection type | Cable |
| Electrical connection 1, connection technology | Open end |
| Electrical connection 1, number of pins/wires | 4 |
| Cable length | 2 m |
| Material of cable sheath | TPE-U(PUR) |
| Type of mounting | With through-hole With H-rail |
| Mounting position | Any |
| Product weight | 58 g |
| Housing material | ABS |

| Feature | Value |
|--|--|
| Display | LED |
| Switching status indication | LED yellow |
| Function reserve indication | LED green |
| Setting options | Teach-in Teach-in via electrical connection |
| Ambient temperature with flexible cable installation | -5 °C ... 60 °C |
| Degree of protection | IP64 |
| Insulation voltage | 50 V |
| Corrosion resistance class (CRC) | 4 - Particularly high corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B2-L |