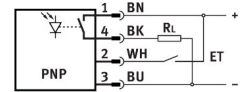


Fiber-optic unit SOE4-FO-L-HF2-1P-M8

Part number: 552796

FESTO



[PDF](#) General operating condition

Data sheet

| Feature | Value |
|--|---|
| Design | Block design |
| Conforms to standard | EN 60947-5-2 |
| Symbol | 00991649 |
| 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 | Fibre-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 | PNP |
| 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 | M8x1 Plug |
| Electrical connection 1, connection type | Plug |
| Electrical connection 1, connection technology | M8x1 A-coded as per EN 61076-2-104 |
| Electrical connection 1, number of pins/wires | 4 |
| Electrical connection 1, type of mounting | not rotatable |
| Electrical connection 1, type of mounting | Compatible with snap-locking Compatible with rotatable screw-type lock |
| Type of mounting | With through-hole With DIN rail |
| Mounting position | Any |

| Feature | Value |
|----------------------------------|--|
| Product weight | 17 g |
| Housing material | ABS |
| Display | LED |
| Switching status indication | Yellow LED |
| Function reserve indication | Green LED |
| Setting options | Teach-in Teach-in via electrical connection |
| Degree of protection | IP64 |
| Insulation voltage | 50 V |
| Corrosion resistance class (CRC) | 4 - Particularly high corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B2-L |