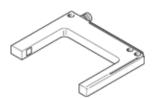
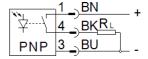
Fork light barrier SOOF-P-FL-ST-C30-P Part number: 553561

FESTO

Polymeric design.





Data sheet

| Feature | Value | |
|--|--------------------------------------|--|
| Authorization | RCM Mark | |
| | c UL us - Listed (OL) | |
| CE symbol (see declaration of conformity) | according to EU-EMV guideline | |
| | in accordance with EU RoHS directive | |
| UKCA marking (see declaration of conformity) | To UK instructions for EMC | |
| | To UK RoHS instructions | |
| Materials note | Conforms to RoHS | |
| Measured variable | Position | |
| Measuring principle | Optoelectronic | |
| Measurement method | Fork light barrier | |
| Type of light | Red | |
| Minimal object diameter | 0.5 mm | |
| Ambient temperature | -10 60 °C | |
| Repetition accuracy | 0.03 mm | |
| Switch output | PNP | |
| Switching element function | Switchable | |
| Hysteresis | <= 0.25 mm | |
| Max. switching frequency | 2,000 Hz | |
| Max. output current | 100 mA | |
| Short circuit strength | Pulsing | |
| Operating voltage range DC | 10 30 V | |
| Residual ripple | 10 % | |
| Idle current | 30 mA | |
| Polarity protected | For operating voltage connections | |
| Electrical connection | 3-pin | |
| | M8x1 | |
| | Plug | |
| Size | Clevis 30x35 mm | |
| Fork gap | 30 mm | |
| Product weight | 20 g | |
| Material housing | PC | |
| Operating status display | Yellow LED | |
| Setting options | Teach-In | |
| Protection class | IP67 | |
| Insulation voltage | 500 V | |
| Surge strength | 0.8 kV | |
| Corrosion resistance classification CRC | 0 - No corrosion stress | |
| PWIS conformity | VDMA24364 zone III | |
| Degree of contamination | 3 | |