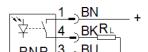
## Fork light barrier SOOF-P-FL-ST-C120-P Part number: 553567

Polymeric design.





**FESTO** 

## **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	0.4 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 120x60 mm	
Fork gap	120 mm	
Product weight	40 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	