

Fork light barrier

SOOF-M-FL-SM-C80-N

Part number: 553558

FESTO

Stable metal housing.



Data sheet

Feature	Value
Authorization	RCM Mark c UL us - Listed (OL)
CE symbol (see declaration of conformity)	according to EU-EMV guideline
Materials note	Free of copper and PTFE Contains PWIS substances 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	0.06 mm
Switch output	NPN
Switching element function	Switchable
Hysteresis	≤ 0.25 mm
Max. switching frequency	4,000 Hz
Max. output current	200 mA
Short circuit strength	Pulsing
Operating voltage range DC	10 ... 35 V
Residual ripple	± 5 %
Idle current	30 mA
Polarity protected	For operating voltage connections
Electrical connection	3-pin M8x1 Plug
Size	Clevis 80x55 mm
Fork gap	80 mm
Product weight	130 g
Material housing	Zinc die-casting Painted
Operating status display	Yellow LED
Setting options	Potentiometer
Protection class	IP67
Insulation voltage	50 V
Surge strength	0.8 kV
Corrosion resistance classification CRC	0 - No corrosion stress
Degree of contamination	3