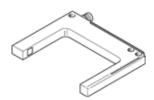
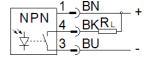
Fork light barrier SOOF-P-FL-ST-C50-N Part number: 553564

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	\neg
Measured variable	Position	\Box
Measuring principle	Optoelectronic	
Measurement method	Fork light barrier	\neg
Type of light	Red	\Box
Minimal object diameter	0.3 mm	\neg
Ambient temperature	-10 60 °C	\neg
Repetition accuracy	0.03 mm	\Box
Switch output	NPN	
Switching element function	Switchable	\neg
Hysteresis	<= 0.25 mm	\neg
Max. switching frequency	2,000 Hz	
Max. output current	100 mA	\Box
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	ĺ
	Plug	
Size	Clevis 50x55 mm	
Fork gap	50 mm	
Product weight	30 g	
Material housing	PC	
Operating status display	Yellow LED	
Setting options	Teach-In	\Box
Protection class	IP67	\Box
Insulation voltage	500 V	
Surge strength	0.8 kV	\Box
Corrosion resistance classification CRC	0 - No corrosion stress	\Box
PWIS conformity	VDMA24364 zone III	
Degree of contamination	3	