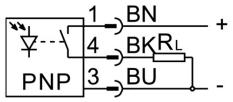
Fork light barrier
SOOF-P-FL-ST-C80-P

Part number: 553565





Data sheet

Feature	Value
Symbol	00991641
Certification	RCM compliance mark c UL us - Listed (OL)
CE marking (see declaration of conformity)	As per EU EMC directive
Note on materials	RoHS-compliant
Measured variable	Position
Measuring principle	Optoelectronic
Method of measurement	Fork light barrier
Type of light	Red
Minimum object diameter	0.5 mm
Ambient temperature	-10 °C ... 60 °C
Repetition accuracy	0.03 mm
Switching output	PNP
Switching element function	Switchable
Hysteresis	≤0.25 mm
Max. switching frequency	2000 Hz
Max. output current	100 mA
Short-circuit protection	Pulsed
DC operating voltage range	10 V ... 30 V
Residual ripple	10 %
Idle current	30 mA
Reverse polarity protection	for operating voltage connections
Electrical connection	3-pin M8x1 Plug
Size	Clevis 80x55 mm
Fork gap	80 mm
Product weight	35 g
Housing material	PC
Switching status indication	LED yellow
Setting options	Teach-in
Degree of protection	IP67
Insulation voltage	500 V
Surge resistance	0.8 kV
Corrosion resistance class (CRC)	0 - No corrosion stress
Contamination level	3