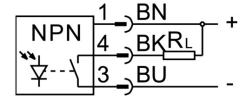


Fork light barrier SOOF-P-FL-ST-C80-N

Part number: 553566

FESTO



Data sheet

Feature	Value
Type code	SOOF
Symbol	00991640
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	NPN
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
Max. tightening torque plug	0.3 Nm
Size	Clevis 80x55 mm
Fork gap	80 mm
Max. tightening torque	1 Nm with internal thread 4 Nm with through-hole 3 Nm accessories
Product weight	35 g
Housing material	PC
Switching status indication	LED yellow
Setting options	Teach-in
Degree of protection	IP67

Feature	Value
Insulation voltage	50 V
Surge resistance	0.8 kV
Corrosion resistance class (CRC)	0 - No corrosion stress
Contamination level	3