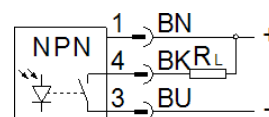
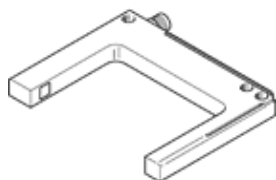


Fork light barrier SOOF-P-FL-ST-C80-N

Part number: 553566

FESTO



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	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	0.03 mm
Switch output	NPN
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	Plug M8x1 3-pin
Max. tightening torque plug	0.3 Nm
Size	Clevis 80x55 mm
Fork gap	80 mm
Max. tightening torque	1 Nm with female thread 4 Nm with clearance hole 3 Nm accessories
Product weight	35 g
Material housing	PC
Operating status display	Yellow LED
Setting options	Teach-In
Protection class	IP67
Insulation voltage	50 V
Surge strength	0.8 kV
Corrosion resistance classification CRC	0 - No corrosion stress
Degree of contamination	3