

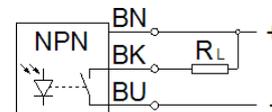
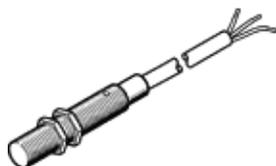
diffuse sensor SOEG-RT-M5-NS-K-L

Part number: 537680
Product to be discontinued

FESTO

Round design

Type to be discontinued. Available until 2020. See Support Portal for alternative products.



Data sheet

Feature	Value
Design	Round
Conforms to standard	EN 60947-5-2
Authorisation	RCM Mark c UL us - Listed (OL)
CE mark (see declaration of conformity)	to EU directive for EMC
Materials note	Free of copper and PTFE
Measured variable	Position
Measuring principle	Optoelectronic
Measurement method	Diffuse reflection sensor
Type of light	Infrared
Working range	50 mm
Ambient temperature	0 ... 55 °C
Switch output	NPN
Switching element function	Light switching
Max. switching frequency	250 Hz
Max. output current	100 mA
Voltage drop	≤ 2 V
Short circuit strength	Pulsing
Operating voltage range DC	10 ... 30 V
Residual ripple	20 %
Idle current	15 mA
Polarity protected	for all electrical connections
Electrical connection	Cable 3-core
Cable length	2.5 m
Material cable sheath	TPE-U(PUR)
Size	M5x0,5
Mounting type	with lock nut
Tightening torque	1.5 Nm
Product weight	35 g
Material housing	High alloy steel, non-corrosive
Material of union nut	High alloy steel, non-corrosive
Operating status display	Yellow LED
Ambient temperature with flexible cable installation	0 ... 55 °C
Protection class	IP67
Corrosion resistance classification CRC	4 - Very high corrosion stress