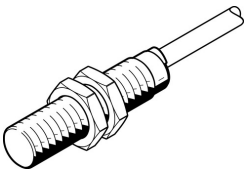
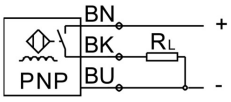
Proximity sensor
SIEF-M12B-PS-K-L

Part number: 553542

FESTO





Data sheet

Feature	Value
Type code	SIEF
Design	Round
Conforms to standard	EN 60947-5-2
Symbol	00991702
Certification	RCM compliance mark c UL us - Listed (OL)
CE marking (see declaration of conformity)	As per EU EMC directive
Note on materials	Free of copper and PTFE RoHS-compliant
Rated operating distance	3 mm
Ambient temperature	-30 °C ... 70 °C
Repetition accuracy	0.16 mm
Switching output	PNP
Switching element function	N/O contact
Max. switching frequency DC	3000 Hz
Max. output current	200 mA
Short-circuit protection	Pulsed
DC operating voltage range	10 V ... 30 V
Reverse polarity protection	for all electrical connections
Electrical connection	3-wire Cable
Cable length	2.5 m
Material of cable sheath	TPE-U(PU)
Size	M12
Mounting type	Flush
Product weight	105 g
Housing material	Brass TPE-O Chrome-plated
Switching status indication	LED yellow
Ambient temperature with flexible cable installation	-5 °C ... 70 °C
Degree of protection	IP68
Resistance to interference from magnetic fields	Magnetic direct and alternating fields
Surge resistance	0.8 kV
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Contamination level	3
Selection of additional sensor information	With reduction factor 1 – resistance to magnetic fields

Feature	Value
Selection of sensor version	Standard