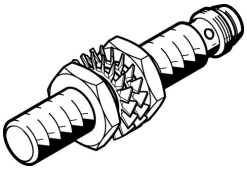
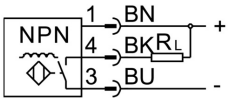
Proximity sensor
SIEF-M8B-NS-S-L

Part number: 553539

FESTO





Data sheet

Feature	Value
Type code	SIEF
Design	Round
Conforms to standard	EN 60947-5-2
Symbol	00991703
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	1.5 mm
Ambient temperature	-30 °C ... 85 °C
Repetition accuracy	0.08 mm
Switching output	NPN
Switching element function	N/O contact
Max. switching frequency DC	2000 Hz
Max. output current	150 mA
Short-circuit protection	Pulsed
DC operating voltage range	10 V ... 30 V
Reverse polarity protection	for all electrical connections
Electrical connection	3-pin M8x1 Plug
Material of plug housing	Brass Chrome-plated
Size	M8
Mounting type	Flush
Product weight	12 g
Housing material	PA High-alloy stainless steel
Switching status indication	LED yellow
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
Selection of sensor version	Standard