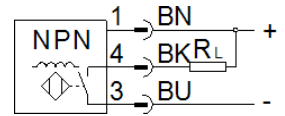


# proximity sensor SIEF-M8B-NS-S-L

Part number: 553539

FESTO

With plug, flush mounting



## 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	Conforms to RoHS
Nominal switching distance	1.5 mm
Ambient temperature	-30 ... 85 °C
Repetition accuracy	0.08 mm
Switch output	NPN
Switching element function	Normally open contact
Max. switching frequency, DC	2,000 Hz
Max. output current	150 mA
Short circuit strength	Pulsing
Operating voltage range DC	10 ... 30 V
Polarity protected	for all electrical connections
Electrical connection	3-pin M8x1 Plug
Material connector housing	Brass Chromed-plated
Size	M8
Type of installation	flush
Product weight	12 g
Material housing	PA High alloy steel, non-corrosive
Operating status display	Yellow LED
Protection class	IP68
Interference immunity to magnetic fields	DC and AC magnetic field
Surge strength	0.8 kV
Corrosion resistance classification CRC	2 - Moderate corrosion stress
PWIS conformity	VDMA24364-B2-L
Degree of contamination	3