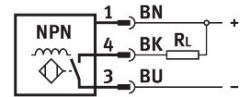


Proximity sensor SIEN-M5B-NS-S-L

Part number: 150369

FESTO



General operating condition

Data sheet

Feature	Value
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 As per EU RoHS directive
UKCA marking (see declaration of conformity)	as per UK instructions for EMC (UK-E) as per UK RoHS instructions (UK-R)
Note on materials	RoHS-compliant
Rated operating distance	0.8 mm
Ambient temperature	-25 °C ... 70 °C
Repetition accuracy under constant conditions	0.01 mm
Switching output	NPN
Switching element function	N/O contact
Max. switching frequency	5000 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 1, connection type	Plug
Electrical connection 1, connection technology	M8x1 A-coded as per EN 61076-2-104
Electrical connection 1, number of pins/wires	3
Electrical connection 1, type of mounting	Snap-locking Screw-type lock not rotatable
Electrical connection 1, type of mounting	Compatible with latching lock Compatible with screw lock rotatable
Size	M5x0.5
Type of mounting	With lock nut
Tightening torque	1.5 Nm
Mounting type	Flush
Product weight	4.3 g
Housing material	High-alloy stainless steel
Switching status indication	LED yellow
Ambient temperature with flexible cable installation	-5 °C ... 70 °C
Degree of protection	IP67
Surge resistance	1 kV

Feature	Value
Corrosion resistance class (CRC)	4 - Particularly high corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
Contamination level	3
Selection of additional sensor information	With standard switching distance
Electrical output	NPN
Selection of sensor version	Standard