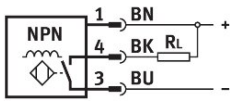
Proximity sensor
SIEN-M5B-NS-S-L

Part number: 150369





Data sheet

Feature	Value
Conforms to standard	EN 60947-5-2
Approval	RCM trademark c UL us listed (OL)
CE mark (see declaration of conformity)	To EU EMC Directive In accordance with EU RoHS Directive
UKCA marking (see declaration of conformity)	according to UK instructions for EMC (UK-E) according to UK RoHS instructions (UK-R)
Note on materials	RoHS-compliant
Rated operating distance	0.8 mm
Ambient temperature	-25 °C...70 °C
Repetition accuracy with 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 current rating	Pulsed
Operational voltage range DC	10 V...30 V
Reverse polarity protection	For all electrical connections
Electrical connection 1, connection type	Plugs
Electrical connection 1, connector system	M8x1, A-coded, to EN 61076-2-104
Electrical connection 1, number of connections/cores	3
Electrical connection 1, type of mounting	Snap-locking Screw-type lock Not rotatable
Electrical connection 1, compatible type of mounting	Compatible with latching lock Compatible with rotatable screw-type lock
Size	M5x0.5
Type of mounting	Via lock nut
Tightening torque	1.5 Nm
Mounting type	Flush
Product weight	4.3 g
Material housing	PA High-alloy stainless steel

Feature	Value
Switching status indication	Yellow LED
Ambient temperature with moving cable	-5 °C...70 °C
Degree of protection	IP67
Immunity to surge	1 kV
Corrosion resistance class CRC	4 - Very high corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
Pollution degree	3
Additional information for sensor selection	with standard sensing distance
Electrical output	NPN
Selection of sensor design	Standard