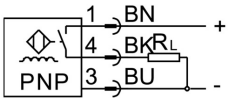
Proximity sensor
SIEN-M5B-PS-S-L

Part number: 150371





Data sheet

Feature	Value
Conforms to standard	EN 60947-5-2
Symbol	00991701
Certification	RCM compliance mark c UL us - Listed (OL)
CE marking (see declaration of conformity)	As per EU EMC directive
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	PNP
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	3-pin M8x1 Plug
Size	M5x0.5
Tightening torque	1.5 Nm
Mounting type	Flush
Product weight	4.3 g
Housing material	PA 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
Corrosion resistance class (CRC)	4 - Particularly high corrosion stress
Contamination level	3
Selection of additional sensor information	With standard switching distance
Electrical output	PNP
Selection of sensor version	Standard