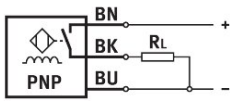
Proximity sensor
SIEN-M5B-PS-K-L

Part number: 150370





Data sheet

Feature	Value
Conforms to standard	EN 60947-5-2
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)	according to UK regulations for EMC (UK-E) according to UK RoHS regulations (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	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 1, connection type	Cable
Electrical connection 1, connection technology	Open end
Electrical connection 1, number of pins/wires	3
Cable length	2.5 m
Material of cable sheath	TPE-U(PUR)
Size	M5x0.5
Type of mounting	With locknut
Tightening torque	1.5 Nm
Mounting type	Flush
Product weight	33.6 g
Housing material	PA high-alloy stainless steel
Switching status indication	Yellow LED
Ambient temperature with flexible cable installation	-5 °C...70 °C

Feature	Value
Degree of protection	IP67
Surge resistance	1 kV
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	PNP
Selection of sensor version	Standard