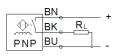
proximity sensor SIEN-4B-PS-K-L Part number: 150362

Inductive, with standard switching distance.



Data sheet

Feature	Value	
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	Free of copper and PTFE	
Nominal switching distance	0.8 mm	
Guaranteed switching distance	0.64 mm	
Reduction factors	Aluminium = 0.4	
	Stainless steel, St 18/8 = 0.7	
	Copper = 0.3	
	Brass = 0.4	
	Steel, St 37 = 1.0	
Ambient temperature	-25 70 °C	
Repetition accuracy	0.04 mm	
Switch output	PNP	
Switching element function	Normally open contact	
Max. switching frequency	3,000 Hz	
Max. switching frequency, DC	3,000 Hz	
Max. output current	200 mA	
Voltage drop	2 V	
Short circuit strength	Pulsing	
Operating voltage range DC	10 30 V	
Residual ripple	10 %	
Idle current	<= 10 mA	
Polarity protected	for all electrical connections	
Electrical connection	3-core	
	Cable	
Cable length	2.5 m	
Material cable sheath	TPE-U(PUR)	
Size	4 mm	
Mounting type	Clamped	
Type of installation	flush	
Product weight	48 g	
Material housing	High alloy steel, non-corrosive	
Operating status display	Yellow LED	
Protection class	IP67	



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