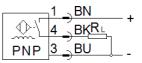
Proximity Sensor SIEH-M12B-PS-S-L-CR Part number: 538251

Inductive, for large switching distances.



Data sheet

Feature	Value
Conforms to standard	EN 60947-5-2
Authorization	RCM Mark
	c UL us - Listed (OL)
CE symbol (see declaration of conformity)	according to EU-EMV guideline
Nominal switching distance	6 mm
Guaranteed switching distance	4.86 mm
Reduction factors	Aluminum = 1.0
	stainless steel 1 mm thick = 0.45
	stainless steel 2 mm thick = 0.9
	copper = 0.85
	brass = 1.3
	Steel, St 37 = 1.0
Ambient temperature	-25 70 °C
Switch output	PNP
Switching element function	Normally open contact
Reproducibility, switching value FS	0.3 mm
Hysteresis	<= 0.73 mm
Max. switching frequency	600 Hz
Max. output current	200 mA
Voltage drop	2 V
Inductive protective circuit	Integrated
	output current < 100mA
	and switching frequency < 10Hz
Short circuit strength	Pulsing
Operating voltage range DC	10 30 V
Residual ripple	20 %
Idle current	< 12 mA
Polarity protected	for all electrical connections
Electrical connection	3-pin
	M12x1
	Plug
Size	M12
Mounting type	with lock nut
Type of installation	flush
Product weight	28 g
Material housing	High alloy steel
Operating status display	Yellow LED
Ambient temperature with flexible cable installation	-5 70 °C
Protection class	IP67
	ІРб9К
Sensor assembly pressure resistance	80 bar
Corrosion resistance classification CRC	2 - Moderate corrosion stress
PWIS conformity	VDMA24364-B2-L



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