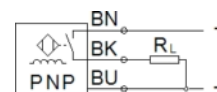
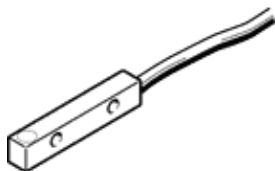


Proximity Sensor SIES-Q5B-PS-K-L

Part number: 178291

FESTO

Inductive, with cable, can be flush-mounted, normally-open function, positive-switching.



Data sheet

Feature	values
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
Materials note	Free of copper and PTFE
Nominal switching distance	0.8 mm
Guaranteed switching distance	0.64 mm
Reduction factors	Aluminum = 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	Cable 3-core
Cable length	2.5 m
Materials information, cable sheaths	TPE-U(PUR)
Size	5x5x25 mm
Mounting type	with internal (female) thread
Type of installation	flush
Product weight	22 g
Materials information, housing	Brass Nickel plated
Operating status display	Yellow LED
Protection class	IP67