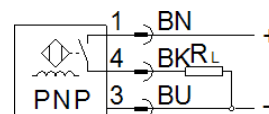


proximity sensor SIES-Q8B-PS-S-L

Part number: 178295

FESTO

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



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	Conforms to RoHS
Nominal switching distance	1.5 mm
Guaranteed switching distance	1.2 mm
Reduction factors	Aluminium = 0.45 Stainless steel, St 18/8 = 0.8 Copper = 0.4 Brass = 0.55 Steel, St 37 = 1.0
Ambient temperature	-25 ... 70 °C
Repetition accuracy	0.07 mm
Switch output	PNP
Switching element function	Normally open contact
Max. switching frequency	3,500 Hz
Max. switching frequency, DC	1,500 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-pin M8x1 Plug
Size	8x8x59 mm
Mounting type	with internal (female) thread
Type of installation	flush
Product weight	12 g
Material housing	Zinc die-casting Chromed-plated Nickel plated
Operating status display	Yellow LED
Protection class	IP67
PWIS conformity	VDMA24364-B2-L