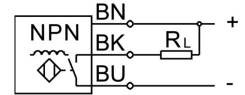


Proximity sensor SIES-Q5B-NS-K-L

Part number: 178290

FESTO



Data sheet

Feature	Value
Type code	SIES
Conforms to standard	EN 60947-5-2
Symbol	00991704
Certification	RCM compliance mark c UL us - Listed (OL)
CE marking (see declaration of conformity)	As per EU EMC directive
Note on materials	Free of copper and PTFE
Rated operating distance	0.8 mm
Assured operating 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 °C ... 70 °C
Repetition accuracy	0.04 mm
Switching output	NPN
Switching element function	N/O contact
Max. switching frequency	3000 Hz
Max. switching frequency DC	3000 Hz
Max. output current	200 mA
Voltage drop	2 V
Short-circuit protection	Pulsed
DC operating voltage range	10 V ... 30 V
Residual ripple	10 %
Idle current	≤10 mA
Reverse polarity protection	for all electrical connections
Electrical connection	3-wire Cable
Cable length	2.5 m
Material of cable sheath	TPE-U(PUR)
Size	5x5x25 mm
Type of mounting	With internal thread
Mounting type	Flush
Product weight	22 g
Housing material	Brass Nickel-plated
Switching status indication	LED yellow

Feature	Value
Degree of protection	IP67
Selection of additional sensor information	Special design
Electrical output	NPN
Selection of sensor version	Standard