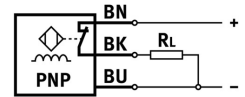


Proximity sensor SIES-Q5B-PO-K-L

Part number: 174549

FESTO



[PDF](#) General operating condition

Data sheet

Feature	Value
Conforms to standard	EN 60947-5-2
Symbol	00991613
Certification	RCM compliance mark c UL us - Listed (OL)
CE marking (see declaration of conformity)	As per EU EMC directive
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	PNP
Switching element function	N/C 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
Degree of protection	IP67
LABS (PWIS) conformity	VDMA24364-B2-L

Feature	Value
Selection of additional sensor information	Special design
Electrical output	PNP
Selection of sensor version	Standard