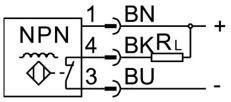
Proximity sensor
SIES-Q8B-NO-S-L

Part number: 174551





Data sheet

Feature	Value
Type code	SIES
Conforms to standard	EN 60947-5-2
Symbol	00991645
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 RoHS-compliant
Rated operating distance	1.5 mm
Assured operating distance	1.2 mm
Reduction factors	Aluminum = 0.45 Stainless steel St 18/8 = 0.8 Copper = 0.4 Brass = 0.55 Steel St 37 = 1.0
Ambient temperature	-25 °C ... 70 °C
Repetition accuracy	0.07 mm
Switching output	NPN
Switching element function	N/C contact
Max. switching frequency	3500 Hz
Max. switching frequency DC	1500 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-pin M8x1 Plug
Size	8x8x59 mm
Type of mounting	With internal thread
Mounting type	Flush
Product weight	12 g
Housing material	Die-cast zinc Chrome-plated Nickel-plated

Feature	Value
Switching status indication	LED yellow
Degree of protection	IP67
Selection of additional sensor information	Special design
Electrical output	NPN
Selection of sensor version	Standard