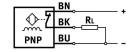# Proximity sensor
SIES-Q8B-PO-K-L

Part number: 174552

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
Note on materials	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 ºC ... 70 ºC
Repetition accuracy	0.07 mm
Switching output	PNP
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-wire Cable
Cable length	2.5 m
Material of cable sheath	TPE-U(PUR)
Size	8x8x40 mm
Type of mounting	With internal thread
Mounting type	Flush
Product weight	39 g
Housing material	Die-cast zinc Chrome-plated Nickel-plated
Switching status indication	LED yellow

Feature	Value
Degree of protection	IP67
LABS (PWIS) conformity	VDMA24364-B2-L
Selection of additional sensor information	Special design
Electrical output	PNP
Selection of sensor version	Standard