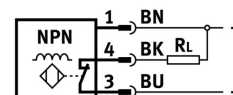


Proximity sensor SIES-Q8B-NO-S-L

Part number: 174551

FESTO



General operating condition

Data sheet

Feature	Value
Conforms to standard	EN 60947-5-2
Symbol	00991645
Approval	RCM trademark c UL us listed (OL)
CE mark (see declaration of conformity)	To EU EMC Directive
Note on materials	RoHS-compliant
Rated operating distance	1.5 mm
Assured operating 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 °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 current rating	Pulsed
Operational voltage range DC	10 V ... 30 V
Residual ripple	10 %
No-load supply current	≤10 mA
Reverse polarity protection	For all electrical connections
Electrical connection	3-pin M8x1 Plugs
Size	8x8x59 mm
Type of mounting	Via female thread
Mounting type	Flush
Product weight	12 g
Material housing	Die-cast zinc Chrome-plated Nickel-plated
Switching status indication	Yellow LED
Degree of protection	IP67

Feature	Value
LABS (PWIS) conformity	VDMA24364-B2-L
Additional information for sensor selection	Special design
Electrical output	NPN
Selection of sensor design	Standard