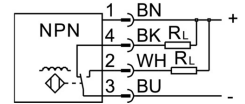


Proximity sensor SIEF-Q40S-NA-S-2L

Part number: 538342

FESTO



Data sheet

Feature	Value
Type code	SIEF
Design	Square
Conforms to standard	EN 60947-5-2
Symbol	00991709
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
Measuring principle	Inductive
Rated operating distance	35 mm
Assured operating distance	28.35 mm
Reduction factors	Aluminum = 1.0 Stainless steel St 18/8 = 1.0 Copper = 1.0 Brass = 1.0 Steel St 37 = 1.0
Ambient temperature	-30 °C ... 85 °C
Repetition accuracy	0.7 mm
Switching output	NPN
Switching element function	Antivalent
Hysteresis	1.05 mm ... 5.25 mm
Max. switching frequency DC	250 Hz
Max. output current	200 mA
Voltage drop	≤1.8 V
Short-circuit protection	Pulsed
DC operating voltage range	10 V ... 65 V
Residual ripple	10 %
Idle current	≤15 mA
Reverse polarity protection	for all electrical connections
Electrical connection	4-pin Fixcon M12x1 Plug
Size	40x40x65 mm
Type of mounting	With through-hole
Mounting type	Partially flush
Product weight	156 g

Feature	Value
Housing material	PA PBT-reinforced
Ready status indication	LED green
Switching status indication	LED yellow
Degree of protection	IP67
Resistance to interference from magnetic fields	Magnetic direct and alternating fields
Corrosion resistance class (CRC)	0 - No corrosion stress
Selection of additional sensor information	With reduction factor 1 – resistance to magnetic fields
Electrical output	NPN
Selection of sensor version	Standard