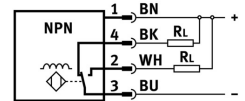


Proximity sensor SIEF-Q40S-NA-S-2L

Part number: 538342

FESTO



General operating condition

Data sheet

Feature	Value
Design	Square
Conforms to standard	EN 60947-5-2
Symbol	00991709
Approval	RCM trademark c UL us listed (OL)
CE mark (see declaration of conformity)	To EU EMC Directive
Measuring principle	Inductive
Rated operating distance	35 mm
Assured operating distance	28.35 mm
Reduction factors	Aluminium = 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 current rating	Pulsed
Operational voltage range DC	10 V ... 65 V
Residual ripple	10 %
No-load supply current	≤15 mA
Reverse polarity protection	For all electrical connections
Electrical connection	4-pin Fixcon M12x1 Plugs
Size	40x40x65 mm
Type of mounting	With through-hole
Mounting type	Partially flush
Product weight	156 g
Material housing	PA PBT-reinforced
Ready status indication	Green LED

Feature	Value
Switching status indication	Yellow LED
Degree of protection	IP67
Immunity to magnetic fields	Magnetic direct and alternating field
Corrosion resistance class CRC	0 - No corrosion stress
Additional information for sensor selection	Reduction factor 1, resistant to magnetic fields
Electrical output	NPN
Selection of sensor design	Standard