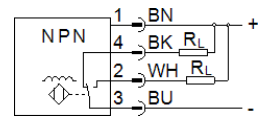
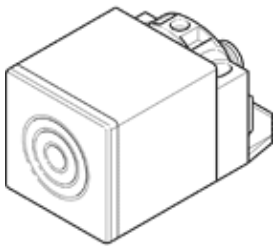


proximity sensor SIEF-Q40S-NA-S-2L

Part number: 538342

FESTO

With plug, semi-flush mounting



Data sheet

Feature	Value
Design	Square
Conforms to standard	EN 60947-5-2
Authorisation	RCM Mark c UL us - Listed (OL)
CE mark (see declaration of conformity)	to EU directive for EMC
Materials note	Free of copper and PTFE
Measuring principle	Inductive
Nominal switching distance	35 mm
Guaranteed switching 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 ... 85 °C
Repetition accuracy	0.7 mm
Switch output	NPN
Switching element function	Antivalent
Hysteresis	1.05 ... 5.25 mm
Max. switching frequency, DC	250 Hz
Max. output current	200 mA
Voltage drop	≤ 1.8 V
Short circuit strength	Pulsing
Operating voltage range DC	10 ... 65 V
Residual ripple	10 %
Idle current	≤ 15 mA
Polarity protected	for all electrical connections
Electrical connection	4-pin Fixcon M12x1 Plug
Size	40x40x65 mm
Mounting type	with through hole
Type of installation	Semi-flush
Product weight	156 g
Material housing	PA PBT-reinforced
Ready status display	Green LED
Operating status display	Yellow LED
Protection class	IP67
Interference immunity to magnetic fields	DC and AC magnetic field
Corrosion resistance classification CRC	0 - No corrosion stress