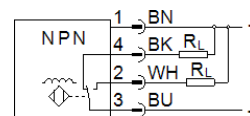
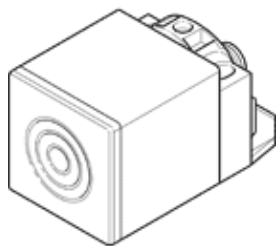


# proximity sensor SIEF-Q40S-NA-S-2L

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
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