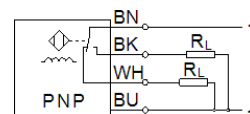
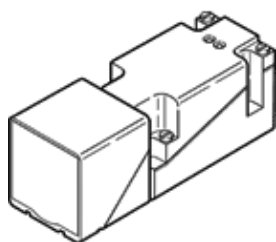


# proximity sensor SIES-Q40B-PA-X-2L

Part number: 150492

FESTO

Inductive, special mechanical design.



## Data sheet

Feature	Value
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
Nominal switching distance	15 mm
Guaranteed switching distance	12.2 mm
Reduction factors	Aluminium = 0.3 Stainless steel, St 18/8 = 0.7 Copper = 0.25 Brass = 0.3 Steel, St 37 = 1.0
Ambient temperature	-25 ... 85 °C
Repetition accuracy	0.75 mm
Switch output	PNP
Switching element function	Antivalent
Max. switching frequency	100 Hz
Max. switching frequency, DC	100 Hz
Maximum output current relative to temperature	200 mA at $\leq 50^\circ\text{C}$ 150 mA at $\leq 85^\circ\text{C}$
Voltage drop	3.5 V
Short circuit strength	Pulsing
Operating voltage range DC	10 ... 30 V
Residual ripple	10 %
Idle current	$\leq 40\text{ mA}$
Polarity protected	for all electrical connections
Electrical connection	Screwed terminal
Material connector housing	PA PBT
Cable gland connection	M20x1,5
Permissible cable diameter	7.5 ... 12.5 mm
Size	40x40x120 mm
Mounting type	with through hole
Type of installation	flush
Product weight	230 g
Material housing	PET
Ready status display	Green LED
Operating status display	Yellow LED
Protection class	IP65
PWIS conformity	VDMA24364-B2-L