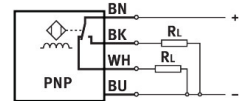
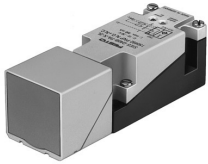


# Proximity sensor SIES-Q40B-PA-X-2L

Part number: 150492

**FESTO**



[General operating condition](#)

## Data sheet

Feature	Value
Conforms to standard	EN 60947-5-2
Symbol	00991612
Approval	RCM trademark c UL us listed (OL)
CE mark (see declaration of conformity)	To EU EMC Directive
Rated operating distance	15 mm
Assured operating 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 °C ... 85 °C
Repetition accuracy	0.75 mm
Switching output	PNP
Switching element function	Antivalent
Max. switching frequency	100 Hz
Max. switching frequency DC	100 Hz
Max. output current as a function of temperature	200 mA at ≤ 50 °C 150 mA at ≤ 85 °C
Voltage drop	3.5 V
Short circuit current rating	Pulsed
Operational voltage range DC	10 V ... 30 V
Residual ripple	10 %
No-load supply current	≤ 40 mA
Reverse polarity protection	For all electrical connections
Electrical connection	Screw terminal
Material connector housing	PA PBT
Cable fitting	M20x1.5
Permissible cable diameter	7.5 mm ... 12.5 mm
Size	40x40x120 mm
Type of mounting	With through-hole
Mounting type	Flush
Product weight	230 g
Material housing	PET
Ready status indication	Green LED
Switching status indication	Yellow LED

Feature	Value
Degree of protection	IP65
LABS (PWIS) conformity	VDMA24364-B2-L
Additional information for sensor selection	Special design
Electrical output	PNP
Selection of sensor design	Standard