

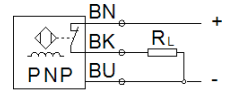
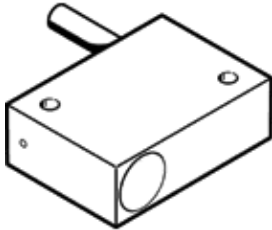
# proximity sensor SIES-QB-PO-K-L

Part number: 150489  
Product to be discontinued

FESTO

Inductive, special mechanical design.

Type to be discontinued. Available until 2023. See Support Portal for alternative products.



## 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	2 mm
Guaranteed switching distance	1.6 mm
Reduction factors	Aluminium = 0.45 Stainless steel, St 18/8 = 0.8 Copper = 0.35 Brass = 0.5 Steel, St 37 = 1.0
Ambient temperature	-25 ... 85 °C
Repetition accuracy	0.1 mm
Switch output	PNP
Switching element function	Normally closed contact
Max. switching frequency	1,200 Hz
Max. switching frequency, DC	1,200 Hz
Maximum output current relative to temperature	200 mA at ≤ 50 °C 150 mA at ≤ 85 °C
Voltage drop	3.2 V
Short circuit strength	Pulsing
Operating voltage range DC	10 ... 30 V
Residual ripple	10 %
Idle current	≤ 30 mA
Polarity protected	for all electrical connections
Electrical connection	3-core Cable
Cable length	2.5 m
Material cable sheath	TPE-U(PUR)
Size	12x26x40 mm
Mounting type	with through hole
Type of installation	flush
Product weight	170 g
Material housing	PBT-reinforced
Operating status display	Yellow LED
Protection class	IP67
PWIS conformity	VDMA24364-B2-L