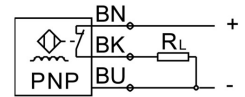
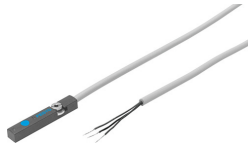


Proximity sensor SIES-8M-PO-24V-K-7,5-OE

Part number: 551391

FESTO



Data sheet

Feature	Value
Type code	SIES
Electrical connection 1, connection technology	Open end
Electrical connection 1, connection type	Cable
KC characters	KC EMC
Electrical connection 1, number of pins/wires	3
Design	for T-slot
Conforms to standard	EN 60947-5-2
Symbol	00991613
Certification	RCM compliance mark c UL us - Listed (OL)
CE marking (see declaration of conformity)	As per EU EMC directive
Note on materials	Free of copper and PTFE RoHS-compliant
Rated operating distance	1.5 mm
Reduction factors	Aluminum = 0.62 Stainless steel V2A = 0.95 Copper = 0.6 Brass = 0.72 Steel St 37 = 1.0
Ambient temperature	-25 °C ... 70 °C
Repetition accuracy under constant conditions	≤ 0.05 mm, approach from the side
Switching output	PNP
Switching element function	N/C contact
Max. switching frequency	4500 Hz
Max. output current	150 mA
Short-circuit protection	Pulsed
DC operating voltage range	10 V ... 30 V
Idle current	≤ 10 mA
Reverse polarity protection	for all electrical connections
Electrical connection	3-wire Cable
Connection outlet orientation	Longitudinal
Connector cable test conditions	Flexural strength: as per Festo standard Test conditions on request Cable chain: 5 million cycles, bending radius 75 mm
Cable length	7.5 m
Cable characteristic	Standard + cable chain
Material of cable sheath	TPE-U(PU)

Feature	Value
Size	Slot 8
Type of mounting	Flush with T-slot Screwed tightly Can be inserted in slot from above
Housing material	PA PUR High-alloy stainless steel
Switching status indication	LED yellow
Ambient temperature with flexible cable installation	-5 °C ... 70 °C
Degree of protection	IP65 IP67
Insulation voltage	50 V
Surge resistance	0.8 kV
Contamination level	3
Selection of additional sensor information	For T-slot
Electrical output	PNP
Selection of sensor version	Special design