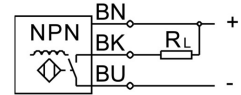


Proximity sensor SIES-8M-NS-24V-K-7,5-OE

Part number: 551396

FESTO



Data sheet

Feature	Value
Type code	SIES
Design	for T-slot
Conforms to standard	EN 60947-5-2
Symbol	00991704
Certification	RCM compliance mark c UL us - Listed (OL)
CE marking (see declaration of conformity)	As per EU EMC directive
KC characters	KC EMC
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	NPN
Switching element function	N/O 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
Electrical connection 1, connection type	Cable
Electrical connection 1, connection technology	Open end
Electrical connection 1, number of pins/wires	3
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	NPN
Selection of sensor version	Special design