

proximity sensor SIES-8M-PS-24V-K-10-M8D

Part number: 551390

FESTO

inductive, cable with plug, can be flush-mounted, N/O function



Data sheet

Feature	Value
Design	for T-slot
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
KC mark	KC-EMV
Materials note	Free of copper and PTFE Conforms to RoHS
Nominal switching distance	1.5 mm
Reduction factors	Aluminium = 0.62 Stainless steel V2A = 0.95 Copper = 0.6 Brass = 0.72 Steel, St 37 = 1.0
Ambient temperature	-25 ... 70 °C
Repetition accuracy for constant conditions	≤ 0.05 mm, approach from the side
Switching output	PNP
Switching element function	Normally open contact
Max. switching frequency	4,500 Hz
Max. output current	150 mA
Short circuit strength	Pulsing
Operating voltage range DC	10 ... 30 V
Idle current	≤ 10 mA
Polarity protected	for all electrical connections
Electrical connection	3-pin Cable with plug M8x1 Turnable threads
Connector exit direction	axial
Test conditions of cable	Bending strength according to Festo standard Test conditions on request Chain link trunking: 5 million cycles, bending radius 75 mm
Cable length	10 m
Cable attribute	Standard + chain link trunking
Material cable sheath	TPE-U(PU)
Size	Slot 8
Mounting type	flush with T-slot Tightened Insertable in slot from above
Material housing	Nickel-plated brass PA PUR High alloy steel, non-corrosive
Operating status display	Yellow LED

Feature	Value
Ambient temperature with flexible cable installation	-5 ... 70 °C
Protection class	IP65 IP67
Insulation voltage	50 V
Surge strength	0.8 kV
Degree of contamination	3