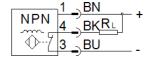
proximity sensor SIES-8M-NO-24V-K-2,5-M8D Part number: 551403

FESTO

inductive, cable with plug, can be flush-mounted, N/C 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
Switch output	NPN
Switching element function	Normally closed 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	2.5 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