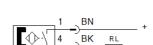
Proximity Sensor SMT-10M-PS-24V-E-0,3-L-M8D Part number: 551375

★ Core product range

Magnetic, contactless, for C-slot.



BU 3

FESTO



Data sheet

Design for round slot Conforms to standard EN 60947-5-2 Authorization RCM Mark CE symbol (see declaration of conformity) according to EU-EMV guideline in accordance with EU RoHS directive UKCA marking (see declaration of conformity) To UK instructions for EMC To UK RoHS instructions KC mark KC-EMV Special characteristics Oil resistant Materials note Conforms to RoHS Halogen-free Instructions for use Link: Drive-Sensor-Overview Measured variable Position Measuring principle Magnetoresistive Ambient temperature -40 70 °C Repetition accuracy 0.2 mm Switch output PNP Switching element function Normally open contact Switch-off time 4.2 7.3 ms Max. switching frequency 130 Hz Max. output current in mounting kits 50 mA Max. output current in mounting kits 50 mA Max. output current in mounting kits 1.5 W Voltage drop C= 1.7 V Short circuit strength Overload withstand capability Available Nominal operating voltage DC 5 30 V	
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Operating voltage range DC 5 30 V	
Polarity protected for all electrical connections	
Electrical connection 1, connection type Cable with plug	
Electrical connection 1, connection technology M8x1, A-coded to EN 61076-2-104	
Electrical connection 1, number of pins/wires 3	
Electrical connection 1, type of mounting Screw lock	
Connector exit direction axial	
Test conditions of cable Bending strength according to Festo standard	
Test conditions on request	
Torsion resistance: > 300,000 cycles, ±270°/0.1 m	
Energy chain: > 5 million cycles, bending radius 28 mm	
Cable length 0.3 m	
Cable attribute Suitable for energy chains/robot applications	
Material cable sheath TPE-U(PUR)	
Mounting type Tightened	



Feature	Value
	Insertable in slot from above
Max. tightening torque	0.4 Nm
Assembly position	Any
Product weight	6.7 g
Material housing	PA-reinforced
	High alloy steel, non-corrosive
Operating status display	Yellow LED
Ambient temperature with flexible cable installation	-20 70 °C
Protection class	IP65
	IP68
PWIS conformity	VDMA24364-B2-L
RSBP classification to CD-0033	F1a
Cleanroom class	ISO class 4