

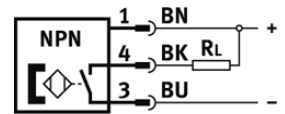
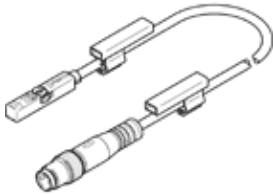
# Proximity Sensor

## SMT-8M-NS-24V-K-0,3-M8D

Part number: 543871

FESTO

Electric, contactless, NPN, for drives with T-slot, assembly from above, with M8 plug.



## Data sheet

Feature	Value
Authorization	C-Tick c UL us - Listed (OL)
CE symbol (see declaration of conformity)	according to EU-EMV guideline
Materials note	Free of copper and PTFE Conforms to RoHS
Measuring principle	Magnetoresistive
Ambient temperature	-20 ... 70 °C
Switch output	NPN
Switching element function	Normally open contact
Max. output current	100 mA
Max. contact rating DC	3 W
Short circuit strength	Pulsing
Overload withstand capability	Available
Operating voltage range DC	10 ... 30 V
Polarity protected	for all electrical connections
Electrical connection	Cable with plug M8x1 3-pin Turnable threads
Connector exit direction	axial
Test conditions of cable	Chain link trunking: 5 million cycles, bending radius 75 mm Bending strength according to Festo standard Test conditions on request
Cable length	0.3 m
Cable attribute	Standard + chain link trunking
Materials information, cable sheaths	TPE-U(PU) Oil resistant
Mounting type	Tightened Insertable in slot from above
Product weight	8.9 g
Materials information, housing	Brass PA TPE-U(PU) High alloy steel, non-corrosive Nickel plated
Ambient temperature	-5 ... 70 °C
Protection class	IP65 IP68