

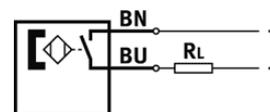
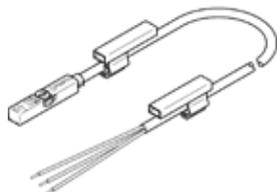
Proximity Sensor

SMT-8M-ZS-24V-K-5,0-OE-EX2

Part number: 543874

FESTO

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



Data sheet

Feature	Value
Authorization	C-Tick c UL us - Listed (OL)
CE symbol (see declaration of conformity)	according to EU-EMV guideline according to EU-Ex protection guideline (ATEX)
ATEX category Gas	II 3G
Explosion ignition protection type Gas	Ex nA II T4 X
ATEX category Dust	II 3D
Explosion ignition protection type Dust	Ex tD A22 IP65 T120°C X
Explosion-proof ambient temperature	-20°C ≤ Ta ≤ +70°C
Materials note	Free of copper and PTFE Conforms to RoHS
Measuring principle	Magnetostrictive
Ambient temperature	-20 ... 70 °C
Switch output	Non-contacting 2-wire
Switching element function	Normally open contact
Max. output current	80 mA
Max. contact rating DC	2.4 W
Short circuit strength	Pulsing
Overload withstand capability	Available
Operating voltage range DC	8 ... 30 V
Polarity protected	for all electrical connections
Electrical connection	Cable 2-core
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	5 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	54.8 g
Materials information, housing	PA High alloy steel, non-corrosive
Ambient temperature	-5 ... 70 °C
Protection class	IP65 IP68