

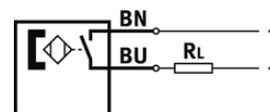
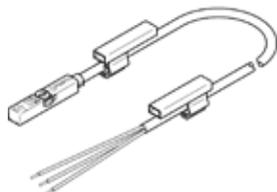
Proximity Sensor

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
Authorisation	C-Tick c UL us - Listed (OL)
CE mark (see declaration of conformity)	to EU directive for EMC to EU directive explosion protection (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