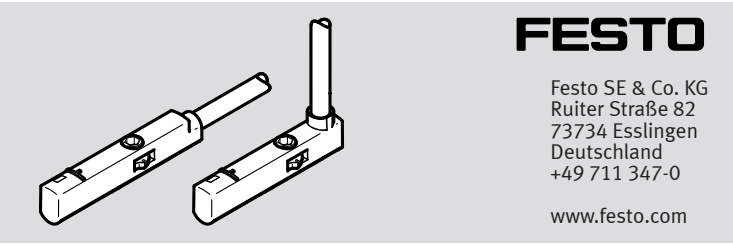


SMT-10M

Proximity switch



FESTO

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Operating instructions

8172652
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[8172654]



Translation of the original instructions

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1 Applicable Documents

All available documents for the product → www.festo.com/sp.

2 Safety

2.1 Safety instructions

WARNING

Risk of injury due to electric shock.

- For the electric power supply, use only PELV circuits that ensure a reliable electric disconnection from the mains network.
- Observe IEC 60204-1/EN 60204-1.

– Before working on the product: Switch off the power supply, ensure that it is off and secure it against being switched on again.

2.2 Intended use

The proximity switch is intended for use in Festo products for sensing the position of magnets, e.g. the position of the piston.
The product is intended for use in industrial environments.

3 Mounting

M8: max. 0,3 Nm
M12: max. 0,5 Nm
⚠ 13

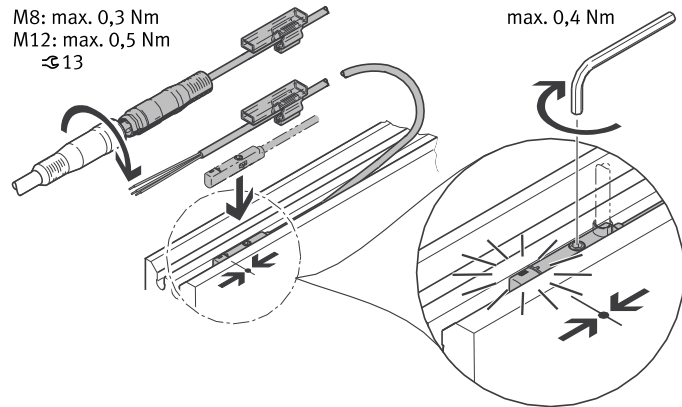


Fig. 1: Mounting

4 Electrical installation

SMT-10M-PS-24V-...		
-M8/-M8D	-M12	-OE

Tab. 1: Electrical connection SMT-10M-PS-24V-...

SMT-10M-NS-24V-...

-M8/-M8D	-M12	-OE

Tab. 2: Electrical connection SMT-10M-NS-24V-...

SMT-10M-ZS-24V-...

-M8/-M8D	-M12	-OE

Tab. 3: Electrical connection SMT-10M-ZS-24V-...

5 Technical data

SMT-10M	-PS	-NS	-ZS
Operating voltage range	[V AC]	5 ... 30	7 ... 30
Max. output current	[mA]	100	
Max. output current in mounting kit	[mA]	50	
Max. switching capacity	[W]	2.8	2.4
Max. switching capacity in mounting kit	[W]	1.5	1.2
Ambient temperature	[°C]	-40 ... +70	
Ambient temperature with flexible cable installation	[°C]	-20 ... +70	
Degree of protection		IP65, IP68	

Tab. 4: Technical data