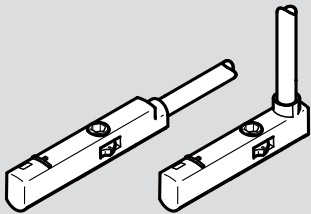


SME-10M
Proximity switch



FESTO

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Operating instructions

8172643
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[8172645]



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

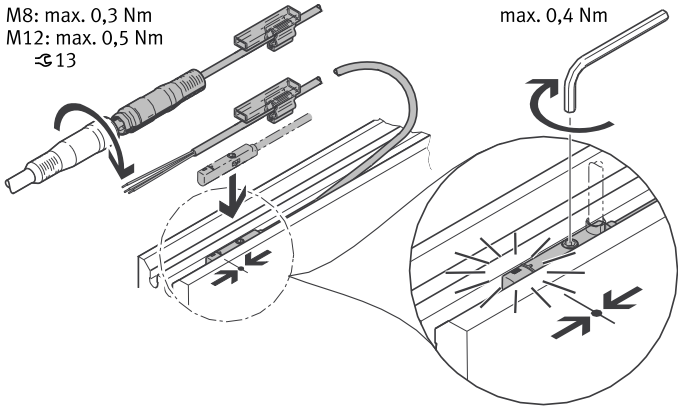


Fig. 1: Mounting

4 Electrical installation

SME-10M-DS-24V-...		
-M8/-M8D	-M12	-OE

Tab. 1: Electrical connection SME-10M-DS-24V-...

SME-10M-ZS-24V-...

-M8/-M8D	-M12	-OE

Tab. 2: Electrical connection SME-10M-ZS-24V-...

5 Technical data

SME-10M	-DS	-ZS
Operating voltage range	[V AC/DC] 5 ... 30	
Max. output current	[mA] 300	100
Max. output current at mounting kit	[mA] 50	
Max. switching capacity AC	[VA] 9	3
Max. switching capacity DC	[W] 9	3
Max. switching capacity in mounting kit AC	[VA] 1.5	
Max. switching capacity in mounting kit DC	[W] 1.5	
Ambient temperature	[°C] -40 ... +70	
Ambient temperature with flexible cable installation	[°C] -20 ... +70	
Degree of protection	IP65, IP68	

Tab. 3: Technical data