

SME-8M-...-24V-...
Proximity sensor

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Instructions | Operating

8112707
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[8112709]
CE, UL LISTED, and other certification marks.



Translation of the original instructions

1 About this document
1.1 Further applicable documents

All available documents for the product -> www.festo.com/pk.

1.2 Safety
- Before working on the electrics: switch off the voltage supply.

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.

1.3 Intended use
This product is intended for sensing the position of magnets (e. g. the piston position) in Festo products. The device is intended for use in an industrial environment.
1.3.1 Area of application and approval
In combination with the UL inspection mark on the product, the information in this section must also be observed in order to comply with the certification conditions of Underwriters Laboratories Inc. (UL) for USA and Canada.

Table with 2 columns: UL approval information, Details. Rows include Product category code (NRKH, NRKH7), File number (E232949), Considered standards (UL 60947-5-2, CAN/CSA C22.2 No. 60947-5-2), and UL mark (cUL US LISTED, Industrial Control Equipment 2MD1).

Tab. 1

2 Electrical connection

Table with 3 columns: M8/M8D, M12, OE. It shows wiring diagrams for different sensor types and their pin configurations.

Tab. 2

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Tab. 3

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Tab. 4

3 Mechanical installation

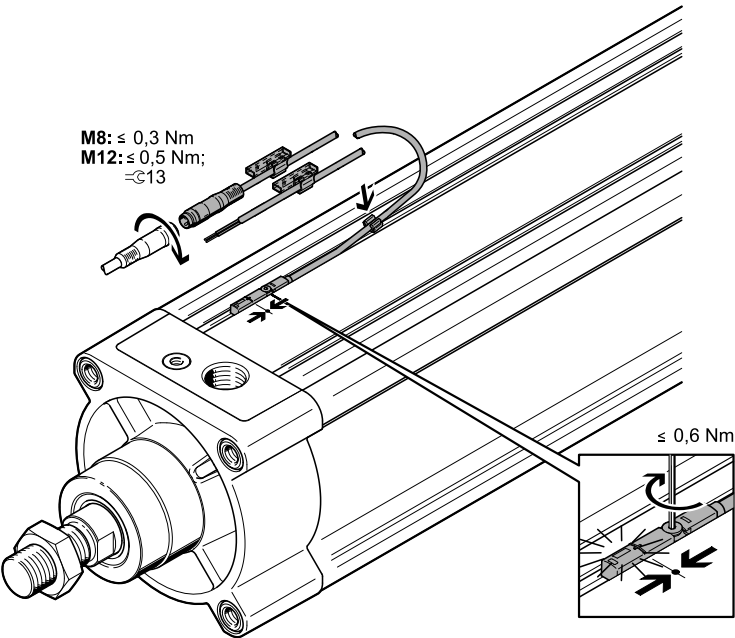


Fig. 1

4 Technical data
4.1 Technical data UL

Table with 3 columns: SME-8M-...-24V-..., Operating voltage range [V DC], Ambient temperature [°C].

Tab. 5

4.2 Technical data, general

Table with 3 columns: SME-8M-...-24V-..., Operating voltage range [V AC/DC], Max. output current [mA], Max. output current in mounting kit [mA], Max. switching capacity [W], Max. switching capacity in mounting kit [W], Ambient temperature [°C], Ambient temperature with flexible cable installation [°C], Degree of protection.

Tab. 6