

FESTO

Näherungsschalter
Proximity switch
Detector de proximidad

Postfach
73726 Esslingen
Deutschland
+49 711 347-0
www.festo.com



Industrial Control Equipment
2MD1

1307e



8028518

**Hinweis/Note/Nota**

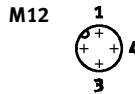
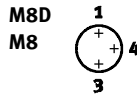
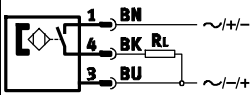
- de** Dieses Produkt wird bestimmungsgemäß zur Abfrage der Position von Magneten (z. B. der Kolbenstellung) in Produkten von Festo verwendet. Es ist für den Einsatz im Industriebereich vorgesehen.
- en** This product has been designed for scanning the position of magnets (e.g. the piston position) in Festo products. It is intended for use in an industrial environment.
- es** Este producto ha sido diseñado para la detección de la posición de imanes (p. ej. de la posición del émbolo) en productos de Festo. Está previsto para un uso industrial.

**Warnung/Warning/Advertencia**

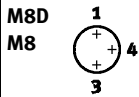
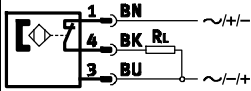
- de** Vor Arbeiten an der Elektrik: Spannung ausschalten.
- Verwenden Sie ausschließlich Stromquellen, die eine sichere elektrische Trennung der Betriebsspannung nach IEC/EN 60204-1 gewährleisten. Berücksichtigen Sie zusätzlich die allgemeinen Anforderungen an PELV-Stromkreise gemäß IEC/EN 60204-1.
- en** Switch off voltage prior to working on electrics.
- Use power supplies which guarantee reliable electrical isolation of the operating voltage as per IEC/EN 60204-1. Consider also the general requirements for PELV circuits in accordance with IEC/EN 60204-1.
- es** Desconectar la tensión antes de manipular el sistema eléctrico.
- Utilice exclusivamente fuentes de corriente que garanticen una desconexión electrónica segura de la tensión de servicio conforme a la IEC/EN 60204-1. Preste también atención a las exigencias generales para circuitos PELV de conformidad con IEC/EN 60204-1.
- UL** **Only for use in Class 2 Circuits.**
Field installed conductors for the proximity switch shall be segregated from field and factory installed conductors and uninsulated live parts of other circuits operating at over 150 V to ground so that a minimum permanent 2 inch (50.8 mm) separation is maintained, unless the field wiring conductors have been provided with recognized insulating material which has an equal or higher voltage rating than the other circuit involved.

Elektrischer Anschluss/Electrical connection/Conexión eléctrica

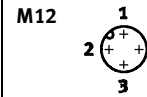
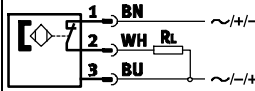
SME-8M-DS-24V-...-M...



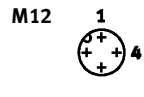
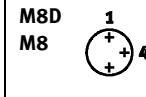
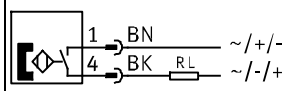
SME-8M-DO-24V-...-M8...



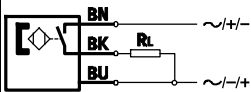
SME-8M-DO-24V-...-M12



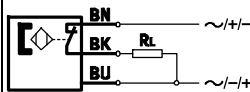
SME-8M-ZS-24V-...-M...



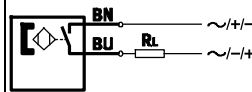
SME-8M-DS-24V-...-OE



SME-8M-DO-24V-...-OE



SME-8M-ZS-24V-...-OE



Montagehinweise/Assembly notes/Instrucciones para el montaje

AC/DC 5 ... 30 V

(UL: DC 5 ... 30 V) ¹⁾

Max. 80 mA ²⁾, max. 500 mA

Max. 2,4 W ²⁾, max. 10 W

-40 ... +70 °C

(UL: -20 ... +70 °C) ³⁾

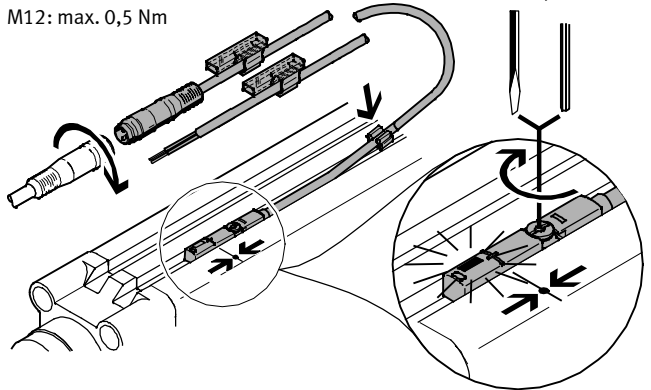
(-5 ... +70 °C) ⁴⁾

IP65, IP68

M8: max. 0,3 Nm

M12: max. 0,5 Nm

max. 0,6 Nm



1) **de** Zertifizierungsbedingungen von Underwriters Laboratories Inc. (UL) für USA und Kanada.

2) Für SME-8M-DS-... montiert in Bausatz und für SME-8M-ZS/DO-... montiert in Zylinderhut oder Bausatz.

3) Für SME-8M-DS/ZS-...: Zertifizierungsbedingungen von Underwriters Laboratories Inc. (UL) für USA und Kanada.

4) Bei beweglicher Kabelverlegung.

1) **en** Certification conditions of Underwriters Laboratories Inc. (UL) for the U.S.A. and Canada.

2) For SME-8M-DS-... mounted with kit and for SME-8M-ZS/DO-... mounted in the sensor groove on the cylinder or with the kit.

3) For SME-8M-DS/ZS-...: Certification conditions of Underwriters Laboratories Inc. (UL) for the U.S.A. and Canada.

4) Cables not in fixed location.

1) **es** Condiciones de certificación de Underwriters Laboratories Inc. (UL) para Estados Unidos y Canadá.

2) Para SME-8M-DS-... montado por medio de un kit y para SME-8M-ZS/DO-... montado por medio de un kit o en la ranura del cilindro para detectores.

3) Para SME-8M-DS/ZS-...: Condiciones de certificación de Underwriters Laboratories Inc. (UL) para Estados Unidos y Canadá.

4) Cables no en posición fija.