



Cylinder switch

- Reed sensor for direct mounting
- LED switching status indication
- Male connector M8 straight or angled
- Cable connection 3m long
- Easy to handle

Product variants described in the data sheet may differ from the product presentation and description.

Type description

Magnetic field-sensitive sensors are used for contact-free position reporting from the magnetic piston of a pneumatic or hydraulic cylinder.

The position of the piston can be displayed optically by LED indication and analysed electrically.

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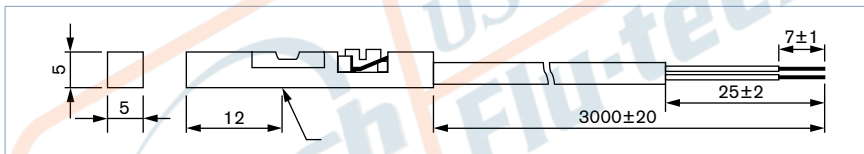


1. General technical data

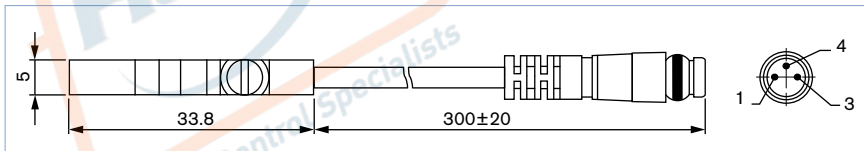
Product properties	
Dimensions	Detailed information can be found in chapter "2. Dimensions" on page 3.
Version	For cylinder slot
Design	Reed contact, 2 pin, reverse polarity protection
Connection cable	Ø 2.8 mm, PUR
Switching status indication	LED red
Electrical data	
Operating voltage	5...240 V AC/DC with 3 m cable 5...60 V AC/DC with M8 connector with 0.3 m cable
Rated operational current	AC < 100 mA DC < 100 mA
Breaking capacity	< 10 W
Max. voltage drop	< 2,5 V
Approvals and certificates	
Protection class	IP68
Environment and installation	
Ambient temperature	-10...+70 °C

2. Dimensions

2.1. Reed contact with LED with 0.3 m cable

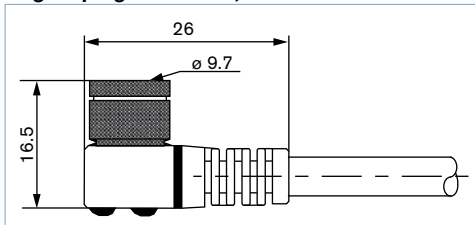


2.2. Reed contact with LED, M8 connector with 0.3 m cable

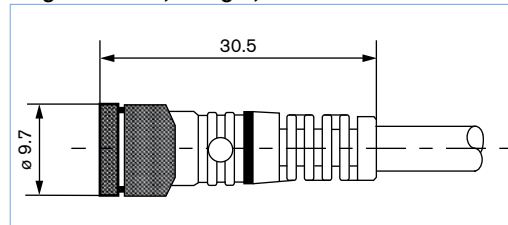


2.3. Plug connector without LED with 0.3 m cable, IP67

Angled plug connector, M8



Plug connector, straight, M8

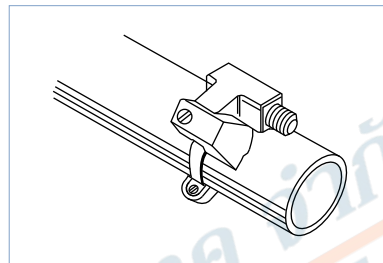
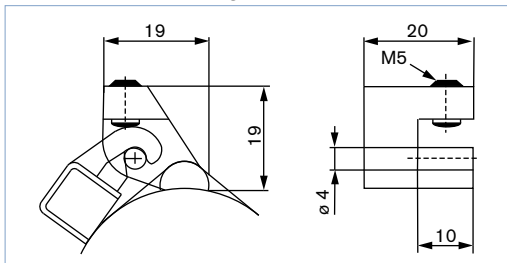


Tension band fastening with retention bracket for pneumatic cylinder Type 0044

Note:

- For pneumatic cylinders without tension anchor Piston diameter 8...80 mm
- Required for fastening:
 - 1x retention bracket (for all sizes), Article no. 780114
 - 1x tension band

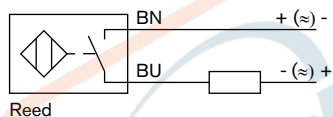
Tension band fastening with retention bracket for pneumatic cylinder Type 0044



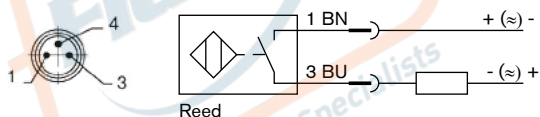
3. Device/Process connections

3.1. Switching diagram

Reed contact with LED with 0.3 m cable



Reed contact with LED, M8 connector with 0.3 m cable



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4. Ordering information

4.1. Bürkert eShop – Easy ordering and quick delivery

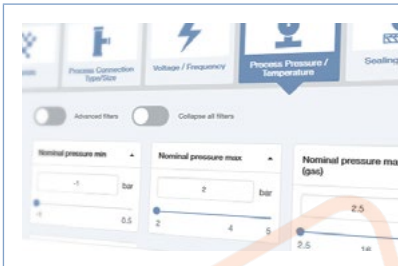


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4.2. Bürkert product filter



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4.3. Ordering chart

Version	Article no.
Reed contact with LED, M8 connector with 0.3 m cable	773219
Reed contact with LED, 3 m cable	772322

4.4. Ordering chart accessories

Version	Article no.
Angled plug connector, M8, 3 meter	780112
Plug connector, straight, M8, 3 meter	780113
Retention bracket for tension band fastening (all sizes)	780114
Tension band for pistons Ø 8/10/12/16 mm	780115
Tension band for pistons Ø 20/25 mm	780116
Tension band for pistons Ø 32 mm	780117
Tension band for pistons Ø 40 mm	780118
Tension band for pistons Ø 50 mm	780119
Tension band for pistons Ø 63 mm	780120
Tension band for pistons Ø 80 mm	780121