

Compact cylinders - NXD/NXE - accessories

Cylinder switches for cylinders with continuous T-groove

Materials: Body: Plastic, threaded part: Brass, screw: Stainless steel

Connecting line: PUR cable

Protection class: IP 67

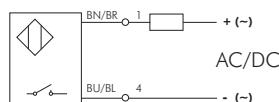
Temperature range: -20°C to max. +70°C

Note: The proximity switch with light emitting diode is used for the contactless position indicator of cylinders with magnetic pistons. It is mounted by pushing it in the T-groove of the cylinder and locking it using the threaded rod.

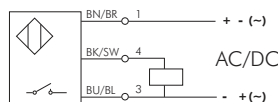
Suitable: For cylinder ISO 15552: XL/XLE, compact cylinder: NXE/NXD compact cylinder ISO 21287: NAE/NAD/SFS, rodless cylinder: LZ (Ø 18 mm only with clamp ZSAB2 5), guide cylinder: ZDFM and other cylinders with **continuous** T-groove

- ✓ **Advantages:**
- No mounting material required.
 - Only one switch for many cylinders

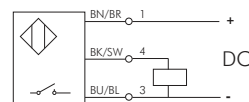
Type	Operating voltage	Switching	Max. switching current/performance	PUR connection line
2-wire reed sensor				
ZSA 12	10-230V AC 10-170V DC	NO contact	150 mA/10 W	3 m, 2 x 0.14 mm ²
ZSA 12-M8	10-60V AC 10-75V DC	NO contact	150 mA/10 W	0.2 m, 2 x 0.14 mm ² With cable plug M 8
3-wire reed sensor				
ZSA 13	10-30V AC/DC	NO contact (PNP)	500 mA/10 W	3 m, 3 x 0.14 mm ²
ZSA 13-M8	10-30V AC/DC	NO contact (PNP)	500 mA/10 W	0.2 m, 3 x 0.14 mm ² With cable plug M 8
fully electronic sensor (reverse polarity protection)				
ZSA 33	10-30V DC	NO contact (PNP)	130 mA/4 W	3 m, 3 x 0.14 mm ²
ZSA 33-M8	10-30V DC	NO contact (PNP)	130 mA/4 W	0.2 m, 3 x 0.14 mm ² With cable plug M 8



ZSA 12/ZSA 12-M8



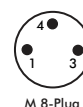
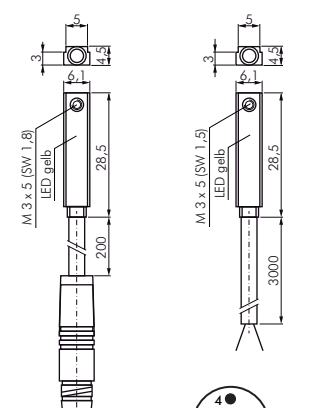
ZSA 13/ZSA 13-M8



ZSA 33/ZSA 33-M8



type ZSA 12



M 8-Plug

Universal cylinder switch - C-groove, T-groove (5 mm) & round cylinder

Type D

Materials: Body: plastic, screw: metal

Connecting line: PVC cable

Protection class: IP 67

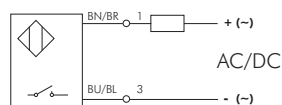
Temperature range: -10°C to max. +70°C

Note: The proximity switch with light emitting diode is used for the contactless position indicator of cylinders with magnetic pistons. It is mounted by pushing it in the groove of the cylinder and locking it using the threaded rod.

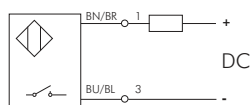
Suitable: Universal use for cylinders with continuous C groove, continuous and non-continuous T groove (5 mm) and with optional tension tape also round cylinder Ø 8 - 63 mm.

- ✓ **Advantages:**
- no mounting material required for cylinder with C-groove & T-groove (5mm).
 - a switch that fits many products of most Asian brands (e.g. SMC).
 - with included adapter fits many products of most European brands (e.g. Festo).
 - can be used with optional tension tape for round cylinders.

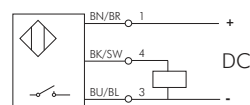
Type	Operating-voltage	Switching	max. Switching current / performance	Connecting line
2-wire reed sensor, red LED				
ZSD 12	5-120V AC/DC	NO contact	100 mA/10 W	3 m, 2 x 0.18 mm ²
2-wire solid-state sensor, red LED				
ZSD 22	10-28V DC	NO contact	50 mA/1.4 W	3 m, 2 x 0.18 mm ²
ZSD 22-M8	10-28V DC	NO contact	50 mA/1.4 W	0.15 m, 2 x 0.18 mm ² mit M 8-Stecker (3-polig)
Fully electronic sensor (reverse polarity protection), green LED				
ZSD 33	5-30V DC	NO contact (PNP)	200 mA/6 W	3 m, 3 x 0.18 mm ²
ZSD 33-M8	5-30V DC	NO contact (PNP)	200 mA/6 W	0.15 m, 3 x 0.18 mm ² mit M 8-Stecker (3-polig)



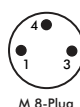
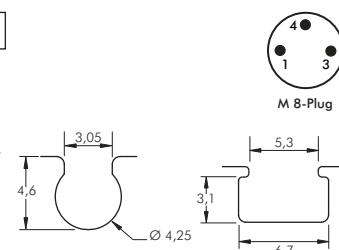
2-wire reed sensor



2-wire solid-state sensor



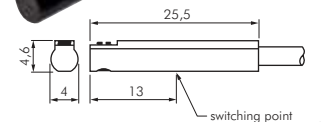
fully electronic sensor



M 8-Plug



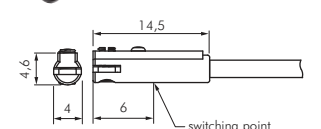
Reed-sensor



switching point



Solid-state sensor & fully electronic sensor



switching point