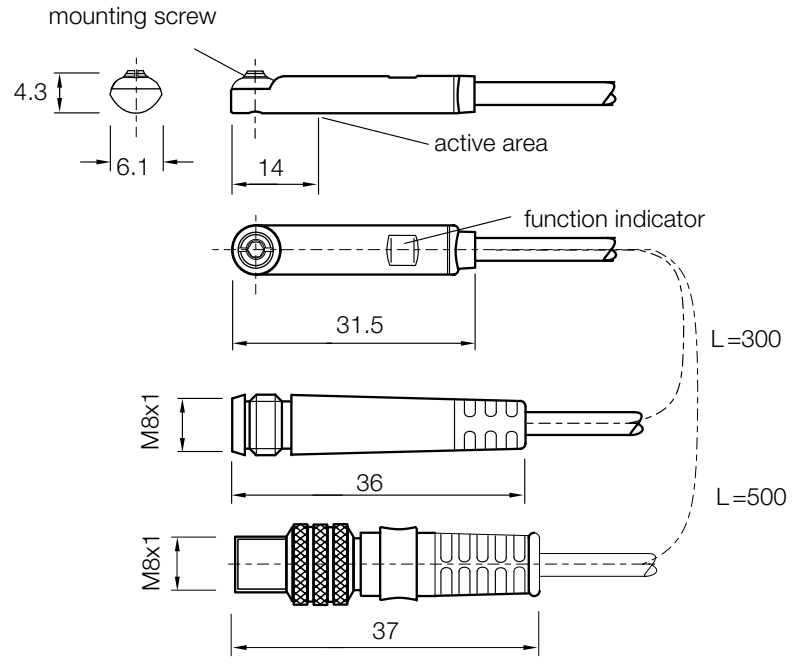


Magnetic cylinder sensor RZT6 series

DC 3-wire, T-Slot cylinder



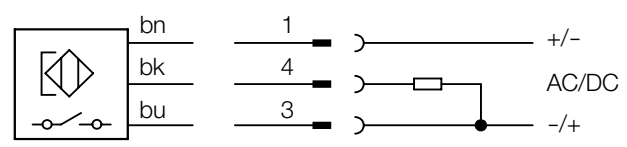
Features CE

- Non-contact detection of piston position in pneumatic cylinders
- **Mountable from the top**
- For all common used T-slot cylinder e.g. Festo, SMC
- Plastic housing with nickel silver bushing and hexagon socket/sloted screw
- Connection cable or connector on cable
- Enclosure rating IP 67
- LED function indicator

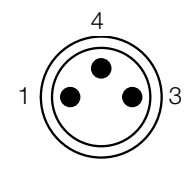
Accessories

Round connector

Connection diagram









Wire colour	Contact	Assignment
bn brown	1	+ V DC
bk black	4	NO
bu blue	3	- V DC



Electrical and mechanical data

Operating voltage U_b	10 ... 30 V AC/DC	Enclosure rating to EN 60529	IP 67
Max. switching power	6 W / VA	Shock and vibration stress	30 g, 11 ms 10 to 55 Hz, 1 mm
Continuous current I_a	≤ 500 mA	Ambient temperature T_a	- 25 ... + 75 °C
Switching delay	ON app. 1,5 ms OUT app. 0,5 ms	Housing material	Plastic
Hysteresis H typ.	≤ 1,5 mm	Connection cable 2 m	PVC, 3 x 0,14 mm ²
Repeatability R (U_b and T_a constant)	≤ 0,2 mm	Connection cable with M8x1 mm connector	PUR
EMC	to EN 60 947-5-2		

Selection table

Response sensitivity in mT	Sensing face	Switching-output	Output function	Switching frequency in Hz	Connection	Type	Order number
3		REED		400	Cable 2 m	RZT6-03ZRS-KWO	1023974
3		REED		400	Cable w. M8 x 1 mm	RZT6-03ZRS-KPO	1023973
3		REED		400	Leitung m. M8 x 1 mm with knurled screw	RZT6-03ZRS-KRO	1023975



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