



Magnetic Cylinder Sensors Sensors for T-slot cylinders

RZT1-03ZU0-KW0



Model Name > [RZT1-03ZUO-KW0](#)
Part No. > [1026469](#)



At a glance

- Compact housing design
- LED function indicator
- IP 67 enclosure rating
- For all commonly used cylinders with T-slots, e.g., Festo or SMC and it can be applied to multiple cylinders types such as round, tie-rod, integrated profile or dove-tail cylinders with mounting brackets

Your benefits

- Drop-in T-slot mounting from above makes assembly easy
- Easy installation with Allen wrench
- Resistant to shock, vibration and liquids, enlarging sensor life time



Features

Switching frequency:	400 Hz
Connection type:	Cable, 2-wire, 2 m
Switching output:	Reed
Output function:	NC
Electrical wiring:	AC/DC 2-wire
Sensing face:	center
Switching mode:	NC

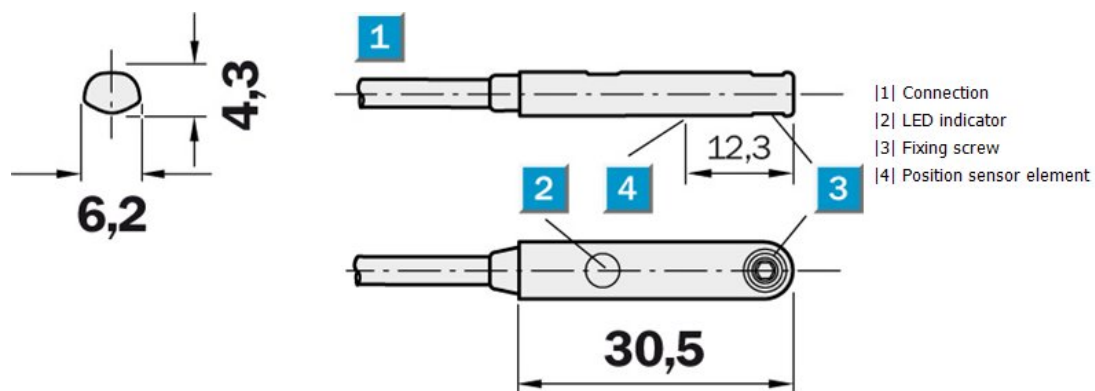
Mechanics/electronics

Enclosure rating:	IP 67 ¹⁾
Cylinder types:	T-slot
Cylinder types with adapter:	Profile cylinder Roundbody cylinder SMC rail cylinder CDQ2 (T-Slot) SMC rail cylinder ECDQ2 (T-Slot) Tie rod cylinder Dove-tail groove cylinder
Housing length:	30.5 mm
Supply voltage:	10 V DC ... 120 V AC/DC
Output current I _a :	≤ 100 mA
Hysteresis:	≤ 1.5 mm
Repeatability:	≤ 0.1 mm ²⁾
EMC:	According to EN 60947-5-2
Cable material:	PVC
Conductor cross-section:	0.12 mm ²

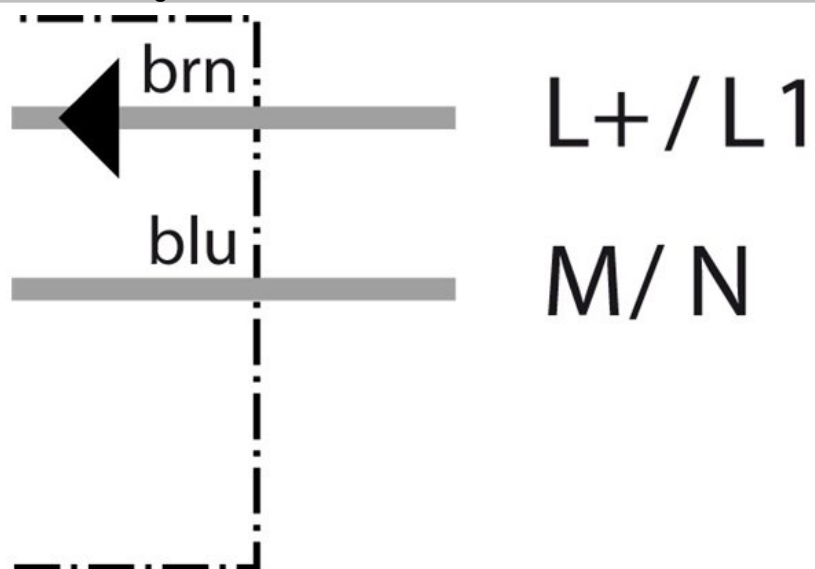
Housing material:	Plastic
Sensing face material:	Plastic
Ambient operating temperature:	-25 °C ... 75 °C
Shock/vibration:	30 g, 11 ms/10 ... 55 Hz, 1 mm
Magnetic field sensitivity, min.:	≤ 3 mT
Output indicator:	-

1) According to EN40050 2) Ub and Ta constant

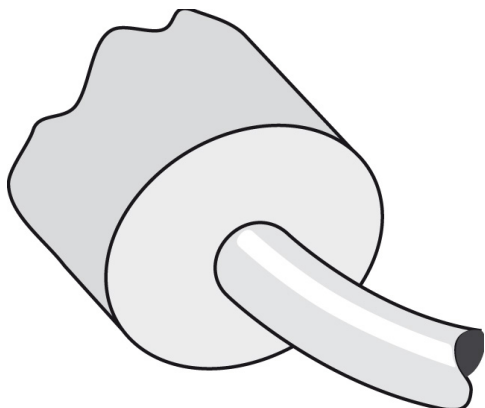
Dimensional drawing



Connection diagram



Connection type



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