



Magnetic Cylinder Sensors Sensors for T-slot cylinders

MZT6-35VPS-KUBS10



Model Name > [MZT6-35VPS-KUBS10](#)
Part No. > [1049012](#)



At a glance

- Compact housing design
- GMR-ASIC technology by SICK: Precise switching point and low hysteresis
- For all commonly used cylinders with T-slots, e.g. Festo or SMC
- Enclosure rating: IP 67
- Combined fixing screw

Your benefits

- Best in class switching performance allows precision applications
- Highly resistant to shock and vibrations
- Can be mounted by simply being dropped in
- Combination mounting system: hex socket/slot screw



Features

Switching frequency typ.:	1,000 Hz
Output type:	PNP
Output function:	NO
Electrical wiring:	DC 3-wire
Cylinder type:	T-slot
Cylinder types with adapter:	Profile cylinder Roundbody cylinder SMC rail cylinder CDQ2 SMC rail cylinder ECDQ2 Tie rod cylinder Cylinders with dovetail slots
Housing length:	31.5 mm
Enclosure rating:	IP 67

1) According to EN 60529

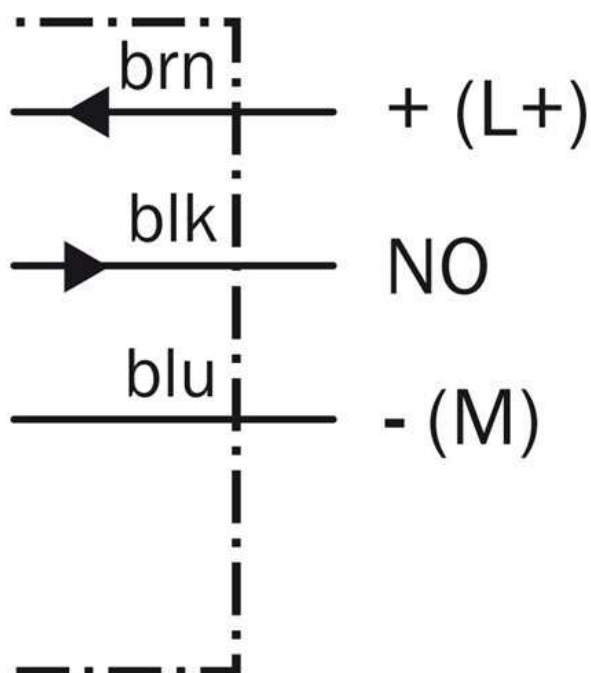
Mechanics/electronics

Connection type:	Cable, 3-wire, 2 m
Supply voltage:	10 V DC ... 30 V DC
Power consumption:	≤ 10 mA ¹⁾
Voltage drop:	≤ 2.2 V
Output current I _a :	≤ 200 mA
EMC:	According to EN 60947-5-2
Cable material:	PUR

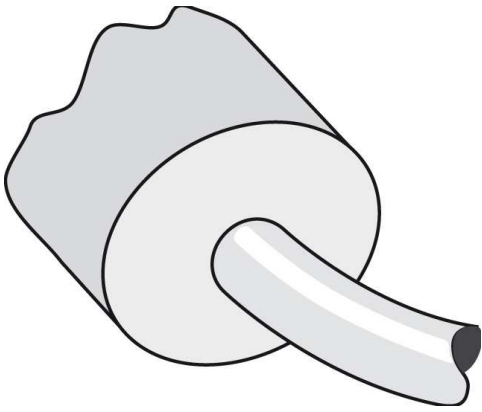
Conductor cross-section:	0.14 mm ²
Reverse polarity protection:	✓
Short-circuit protection:	✓
Housing material:	Plastic
Power-up pulse protection:	✓
Repeatability:	≤ 0.1 mT ²⁾
Overrun distance typ.:	3 mm
Shock and vibration resistance:	30 g, 11 ms/10 ... 55 Hz, 1 mm
Ambient operating temperature:	-25 °C ... +100 °C
Protection class:	III
Hysteresis typ.:	> 0.5 mT
Magnetic field sensitivity, typ.:	3.5 mT

1) Without load ²⁾ Ub and Ta constant

Connection diagram



Connection type



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