



Magnetic Cylinder Sensors Roundbody cylinder

MZR2-03VPS-AT0



Model Name > [MZR2-03VPS-AT0](#)
Part No. > [7900600](#)



At a glance

- Universal mounting with tension strap for cylinders with diameters of up to 100 mm
- Cable or plug connection
- Industrial aluminum housing
- IP 67 enclosure rating
- LED status indicator

Your benefits

- Highly resistant to shock and vibrations, ensuring a long service life and reduced maintenance costs
- High switching point accuracy reduces material loss



Features

Output type:	PNP
Output function:	NO
Electrical wiring:	DC 3-wire
Enclosure rating:	IP 67 ¹⁾
Sensing face:	Front
Cylinder types with adapter:	Roundbody cylinder
Housing length:	30 mm
Switching frequency typ.:	5,000 Hz

¹⁾ According to EN 60529

Mechanics/electronics

Connection type:	Connector M8, 3-pin
Supply voltage:	10 V DC ... 30 V DC
Power consumption:	≤ 10 mA ¹⁾
Voltage drop:	≤ 1.5 V ²⁾
Output current I _a :	≤ 300 mA ³⁾
Repeatability:	≤ 0.1 mm ³⁾
EMC:	According to EN 60947-5-2
Reverse polarity protection:	✓
Short-circuit protection:	✓
Housing material:	Metal, Aluminum
Sensing face material:	Plastic

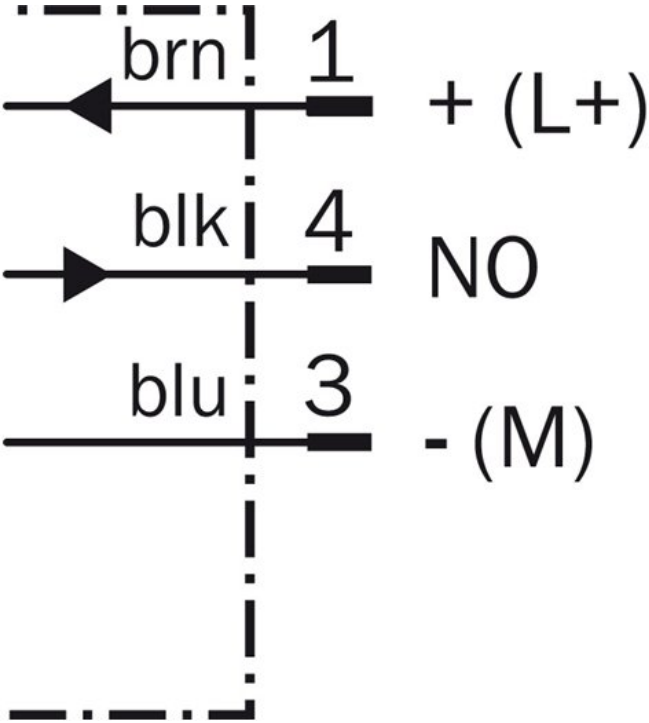
- 1) Without load
- 2) At $I_a \text{ max}$
- 3) U_b and T_a constant

Technical drawing of a circular component with a vertical rod and a horizontal rod. The drawing includes the following dimensions:

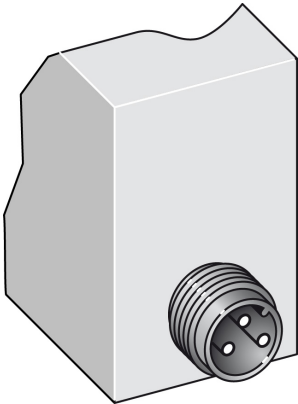
- Vertical rod diameter: 8 (0.31)
- Vertical rod length: 5 (0.20)
- Horizontal rod diameter: 9.2 (0.36)
- Horizontal rod length: 8.2 (0.32)
- Horizontal rod thickness: 0.8 (0.03)
- Horizontal rod width: 0.5 (0.02)

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Connection diagram



Connection type



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