

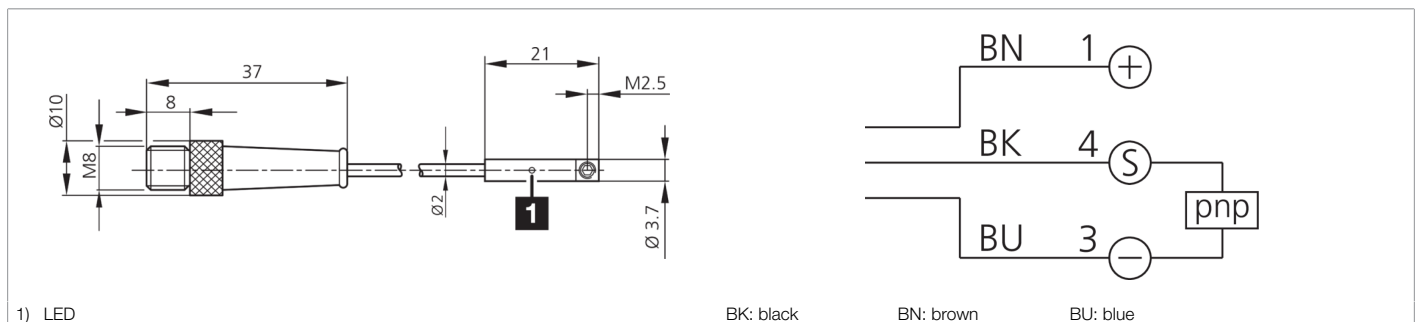


201127

MZEC 3.7 PS-K-TSSL

Cylinder sensor

- For pneumatic cylinders with round groove 3.7 mm
- Short design
- Mounting element made of stainless steel
- Highly flexible cable
- Fully electronic
- Molded electronic circuitry
- High reproducibility
- High protection type



Function



Technical data (typ.)

+20°C, 24 V DC

Electrical features

Current-carrying capacity	100 mA, not short-circuit-proof, polarity-safe
Service voltage	10 ... 30 V DC
No-load current (max.)	11 mA
Insulation voltage endurance	500 V

Mechanical features

Cylinder groove	C-groove 3.7 mm, insertion in lateral direction of groove
Mounting	Locking screw (Allen screw SW 1.3 mm)
Diameter	Ø 3.7 mm (Diameter)
Housing length	21 mm
Housing material	Stainless steel (V2A 1.4301 / AISI 304) / Plastic
Material of cable	TPU

Certifications, approvals

Protection class	III, operation on protective low voltage
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General features

Operating principle	GMR
Operation on	Pneumatic cylinder
Product series	MZEC

Output, input, interface

Switching output	pnp, 100 mA, NO
Voltage drop (max.)	2 V
Switching capacity	< 3 W (30 V, 100 mA)

Detection range, measuring range, tolerance limits

Reproducibility	< 0.1 mm
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Technical data (typ.)		+20°C, 24 V DC
Display, operation		
Display	LED yellow - Output signal	
Time behavior		
Switching frequency	1000 Hz	
Ambient conditions		
Ambient temperature during operation	-20 ... +70 °C	
Protection type	IP 67	
Electrical connection		
Connection	Pigtail, 0.3 m, M8, 3-pin, 3 x 0.08 mm²	
Accessories		
Connection cable	TK ...	
More information / accessories		https://www.di-soric.com/201127