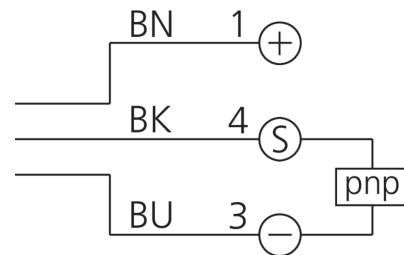
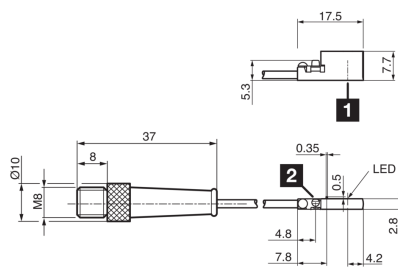




204657 MZEC 9-18 PSL-K-TSS Cylinder sensor

- For pneumatic cylinders with round groove 3.7 mm
- For pneumatic cylinders with round groove 4 mm
- To be inserted from above
- Compact design
- Completely electronic, vibration-resistant
- High reproducibility
- Accessories available for mounting on round, tie rod and profile cylinders



1) Sensing surface

2) Fastening excentric

BK: black

BN: brown

BU: blue

Function



Technical data (typ.)

+20°C, 24 V DC

Electrical features

Current-carrying capacity	100 mA, short-circuit-proof, polarity-safe
Service voltage	10 ... 30 V DC
No-load current (max.)	10 mA
Insulation voltage endurance	500 V

Mechanical features

Cylinder groove	C-groove 3.7 mm, 4.0 mm, Can be inserted into the groove from above
Mounting	Excentric
Housing length	17.5 mm
Housing height	7.5 mm
Housing width	2.8 mm
Housing material	Plastic (PA)
Material of cable	Polyurethane
Material	Stainless steel (Fastening excentric)

Certifications, approvals

Protection class	III, operation on protective low voltage
Approvals	UL

General features

Operating principle	GMR
Operation on	Pneumatic cylinder
Design	Short design
Product series	MZEC



204657
MZEC 9-18 PSL-K-TSS
Cylinder sensor

Technical data (typ.)		+20°C, 24 V DC
Output, input, interface		
Switching output	pnp, 100 mA, NO, short-circuit-proof	
Voltage drop (max.)	2.5 V	
Detection range, measuring range, tolerance limits		
Reproducibility	0.2 mm	
Display, operation		
Display	LED yellow - Output signal	
Time behavior		
Switching frequency	10000 Hz	
Ambient conditions		
Ambient temperature during operation	-25 ... +85 °C	
Protection type	IP 67	
Electrical connection		
Connection	Pigtail, 0.3 m, M8, 3-pin	
Accessories		
Connection cable	TK ...	
More information / accessories		https://www.di-soric.com/204657