

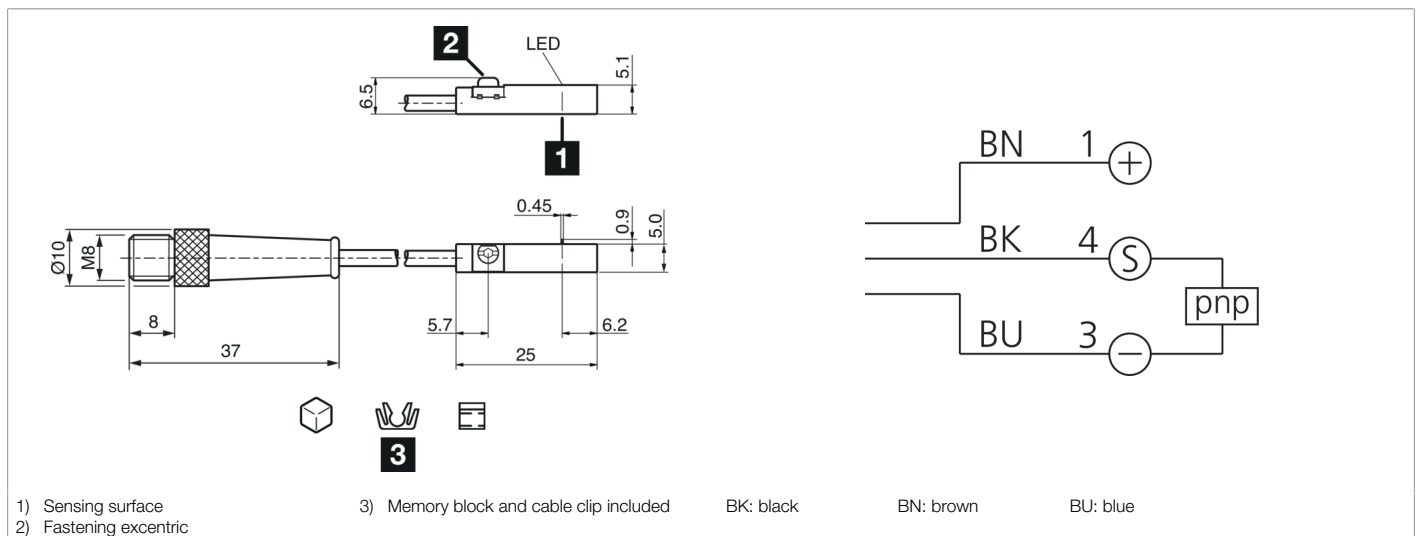


209526

MZET 9-25 PSL-K0.5-TSS

Cylinder sensor

- To be inserted from above
- Compact design
- Completely electronic, vibration-resistant
- High reproducibility



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	T-groove, Can be inserted into the groove from above
Mounting	Excentric
Housing length	25 mm
Housing height	6.5 mm
Housing width	5 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



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Technical data (typ.)		+20°C, 24 V DC
General features		
Operating principle	GMR	
Operation on	Pneumatic cylinder	
Product series	MZET	
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, 0.5 m, M8, 3-pin	
Accessories		
Connection cable	TK ...	
More information / accessories		https://www.di-soric.com/209526