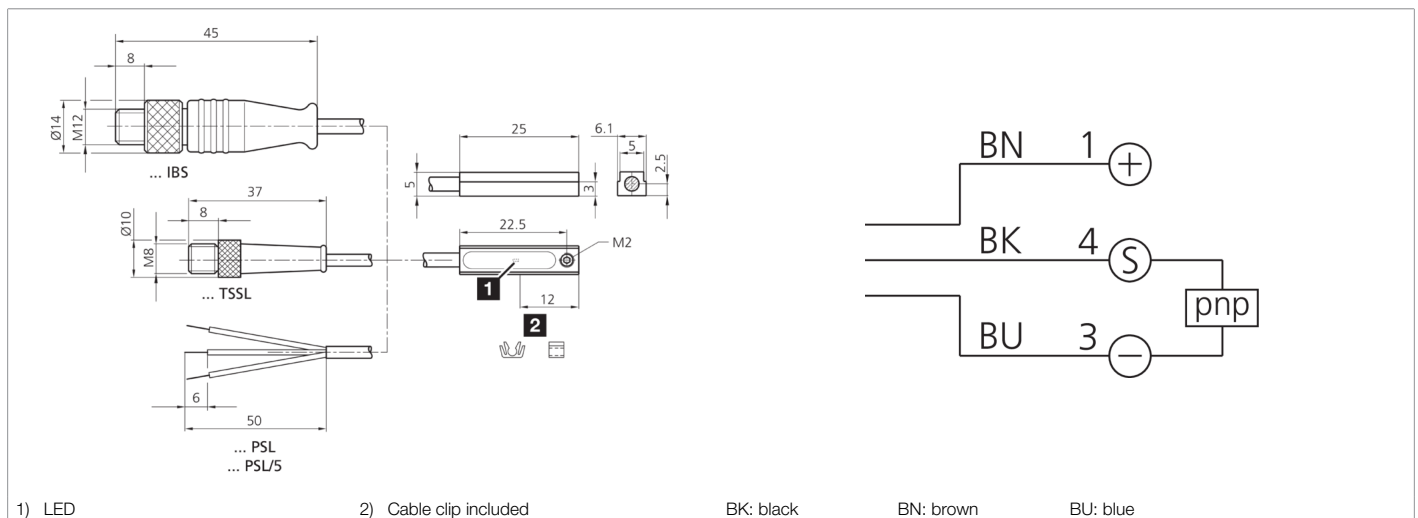




201145 MZET 25 PSLK Cylinder sensor

- For pneumatic cylinders with T-groove
- Metal casing
- Fully electronic
- High reproducibility
- High protection type
- Accessories available for mounting on round, tie rod and profile cylinders



Function



Technical data (typ.)

+20°C, 24 V DC

Electrical features

Current-carrying capacity	200 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, insertion in lateral direction of groove
Mounting	Locking screw (Allen screw SW 1.5 mm)
Housing length	25 mm
Housing height	5 mm
Housing width	6.1 mm
Housing material	Die-cast zinc
Material of cable	Polyurethane

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	MZET



201145
MZET 25 PSLK
Cylinder sensor

Technical data (typ.)		+20°C, 24 V DC
Output, input, interface		
Switching output	pnp, 200 mA, NO, short-circuit-proof	
Voltage drop (max.)	2 V	
Switching capacity	< 6 W (30 V, 200 mA)	
Detection range, measuring range, tolerance limits		
Reproducibility	0.1 mm	
Display, operation		
Display	LED yellow - Output signal	
Time behavior		
Switching frequency	1000 Hz	
Ambient conditions		
Ambient temperature during operation	-25 ... +70 °C	
Protection type	IP 68 (Device and cable) / IP 67 (Connection plug)	
Electrical connection		
Connection	Cable, 2.5 m	
More information / accessories		https://www.di-soric.com/201145