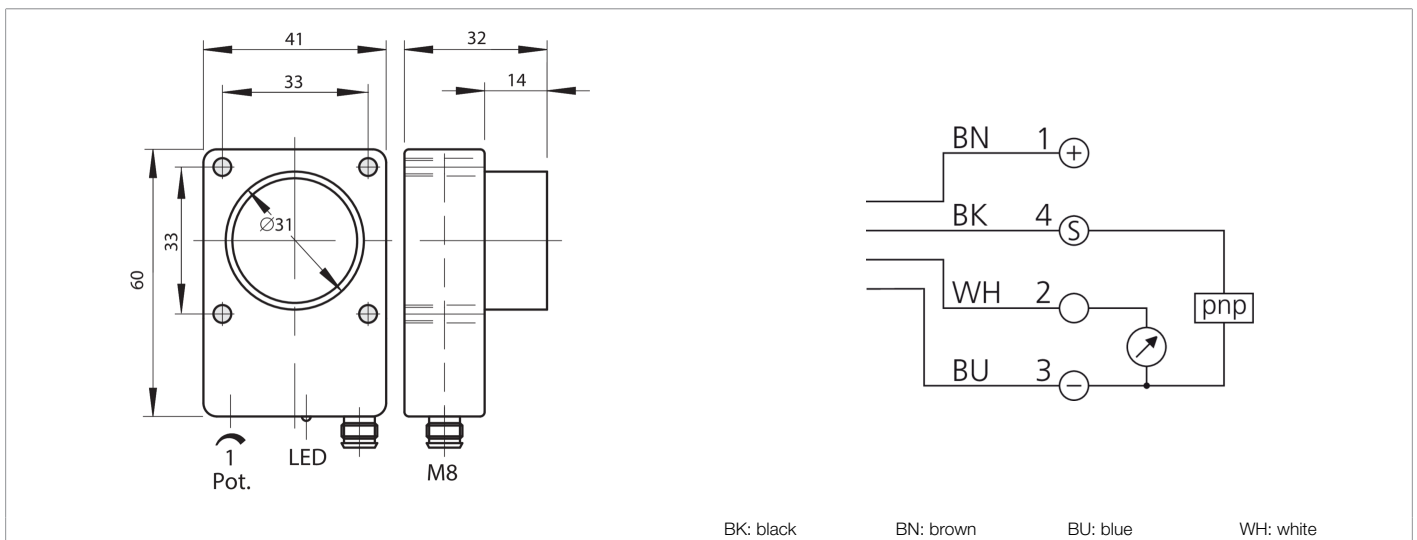




202576
US 60 K 500 PSI-TSSL
Ultrasonic sensor

- Robust housing
- Compact design
- Working range adjustable
- Resistant to dirt
- Insensitive to ambient noise
- Measuring does not depend on surface
- Switching output and analog output
- High follow-up speed
- High resolution
- Piezo-ceramic composite transducer



Function											
											

Technical data (typ.)	+20°C, 24 V DC
Service voltage	15 ... 30 V DC
No-load current (max.)	80 mA
Ripple	60 mV
Insulation voltage endurance	500 V
Housing dimensions	60 x 41 x 18 mm
Housing length	18 mm
Housing height	60 mm
Housing width	41 mm
Housing material	Plastic (PA)
Protection class	III, operation on protective low voltage
Operating principle	Ultrasonic sensor
Evaluation	digital, analog
Design	Cuboid design
Switching output	pnp, 100 mA, NO
Analog output	4 ... 20 mA
Analog output linearity	< 0.5 % (Sn max.)
Load resistance	< 400 Ω
Switching distance	80 ... 500 mm
Resolution	0.2 % (Sn max.)
Switching hysteresis (max.)	15 mm



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US 60 K 500 PSI-TSSL

Ultrasonic sensor

Technical data (typ.)	+20°C, 24 V DC
Reproducibility	< 1 % / Sn max.
Measuring time	60 ms (95% Sn max.)
Ultrasonic frequency	180 kHz
Switching frequency	8 Hz
Response time	50 ms
Release time	80 ms (50% Sn max.)
Ambient temperature during operation	-20 ... +50 °C
Temperature drift	1 %/K (-20 to +50°C)
Protection type	IP 67
Connection	Connector, M8, 4-pin
Connection cable	TK ... /4
More information / accessories	https://www.di-soric.com/202576