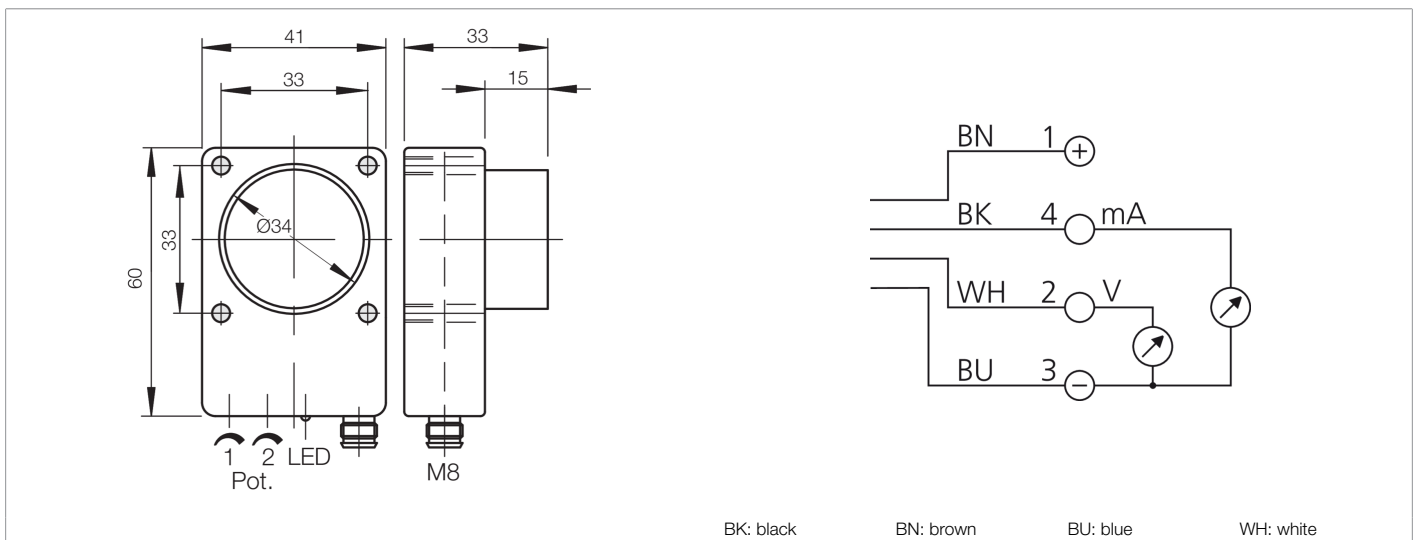




202595
US 60 K 2500 AI-TSSL
Ultrasonic sensor

- Robust housing
- Zero and end point adjustable
- Working range adjustable
- Resistant to dirt
- Insensitive to ambient noise
- Measuring does not depend on surface
- Analog output
- High follow-up speed
- High resolution



Function										
										

Technical data (typ.)	+20°C, 24 V DC
Service voltage	15 ... 30 V DC
No-load current (max.)	80 mA
Ripple	15 mV
Insulation voltage endurance	500 V
Housing dimensions	60 x 41 x 33 mm
Housing length	33 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	analog
Design	Cuboid design
Analog output	0 ... 10 V, 4 ... 20 mA
Analog output linearity	< 0.5 % (Sn max.)
Load resistance	> 10000 Ω / < 400 Ω
Switching distance	250 ... 3000 mm
Resolution	0.1 % (Sn max.)
Accuracy	< 1 % (Sn max.)
Measuring time	400 ms (95% Sn max.)



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US 60 K 2500 AI-TSSL

Ultrasonic sensor

Technical data (typ.)	+20°C, 24 V DC
Ultrasonic frequency	120 kHz
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/202595