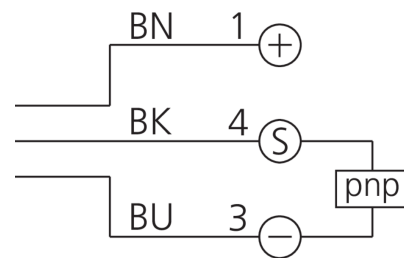
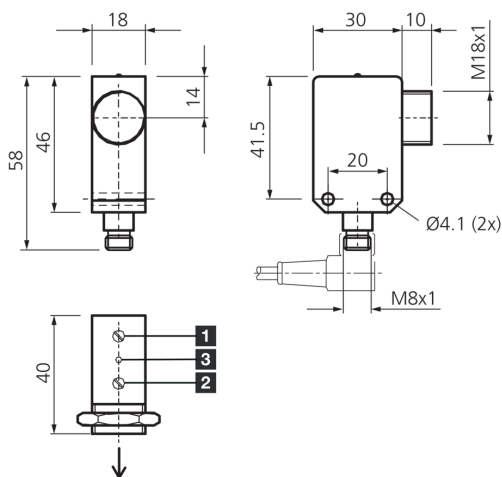
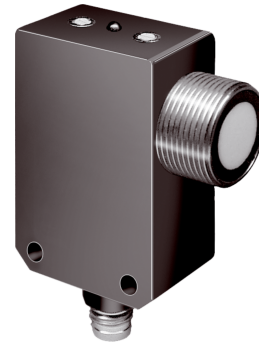




201796 US 46 K 500 PSK-TSSL Ultrasonic sensor

- Short blind zone
- Narrow scanning zone
- Oil-resistant
- No background effects
- Adjustable pulse stretching



1) Potentiometer transmission power
2) Hysteresis

3) LED

BK: black

BN: brown

BU: blue

Function



Technical data (typ.)

+20°C, 24 V DC

Service voltage	12 ... 28 V DC
No-load current (max.)	55 mA
Insulation voltage endurance	500 V
Housing dimensions	46 x 30 x 18 mm
Housing length	30 mm
Housing height	46 mm
Housing width	18 mm
Housing material	Stainless steel (V2A 1.4301 / AISI 304) / Plastic (PA)
Protection class	III, operation on protective low voltage
Operating principle	Ultrasonic sensor
Evaluation	digital
Design	Cuboid design
Switching output	pnp, 100 mA, NO
Switching distance	120 ... 500 mm
Switching hysteresis (max.)	10 %
Reproducibility	< 1 % / Sn max.
Sensitivity adjustment	Potentiometer
Ultrasonic frequency	175 kHz
Switching frequency	2 Hz
Response time	10 ms



201796
US 46 K 500 PSK-TSSL
Ultrasonic sensor

Technical data (typ.)**+20°C, 24 V DC**

Release time	400 ... 8000 ms (adjustable)
Ambient temperature during operation	-20 ... +50 °C
Temperature drift	-0.1 %/K (Switching output), -0.17 %/K (Air path)
Protection type	IP 67
Connection	Connector, M8, 3-pin
Connection cable	TK ...

More information / accessories<https://www.di-soric.com/201796>