

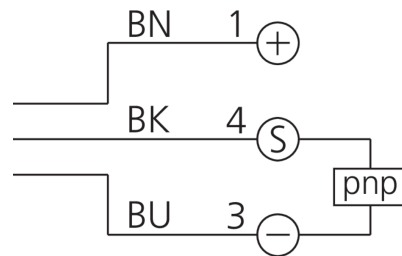
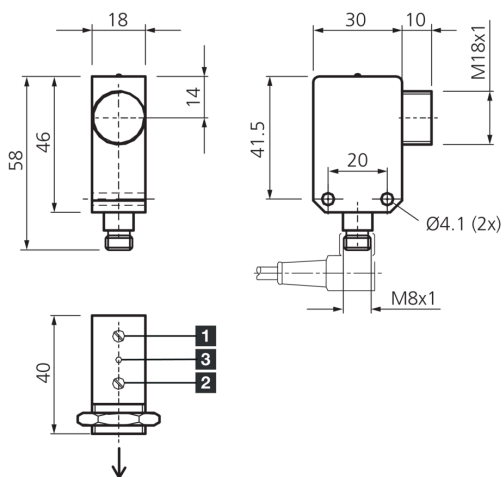
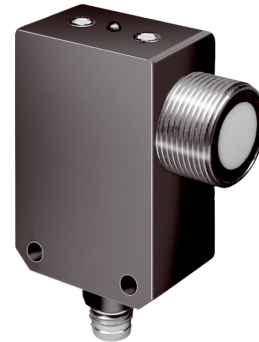


201792

US 46 K 150 PSK-TSSL

Ultrasonic sensor

- Short blind zone
- Narrow scanning zone
- Oil-resistant
- No background effects
- Axial hysteresis adjustable



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.)	45 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	60 ... 150 mm
Switching hysteresis (max.)	10 ... 40 %
Reproducibility	< 1 % / Sn max.
Sensitivity adjustment	Potentiometer
Ultrasonic frequency	350 kHz
Switching frequency	15 Hz
Response time	5.0 ms



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US 46 K 150 PSK-TSSL
Ultrasonic sensor

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

Release time	40 ms
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/201792>**