

US 46 K 150 PSLK Ultrasonic Sensor



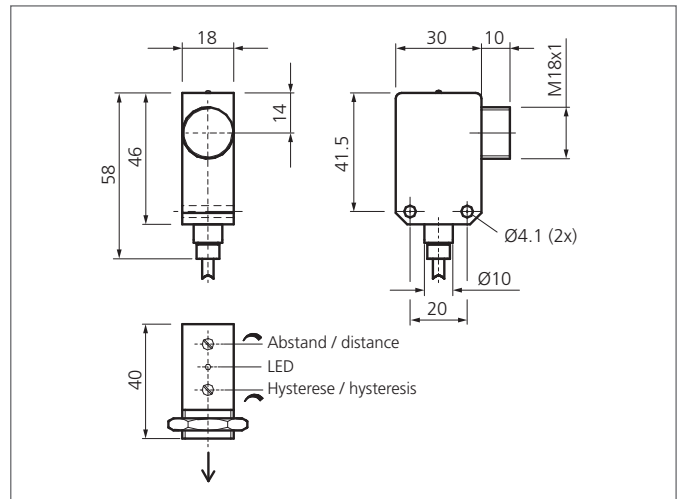
- Short blind zone
- Narrow scanning zone
- Oil-resistant
- No background effects
- Axial hysteresis adjustable



Safety instructions

The Instruments are not to be used for safety applications, in particular applications in which safety of persons depends on proper operation of the instruments.

These instruments shall exclusively be used by qualified personnel.



TECHNICAL INFORMATION (typ.)	+20°C, 24V DC
Operating principle	Ultrasonic sensor
Evaluation	digital
Size	46 x 30 x 18 mm (Dimensions)
Design	cuboid design
Service voltage	12 ... 28 V DC
Internal power consumption	45 mA
Operating distance	60 ... 150 mm
Switching output	pnp, 100 mA, NO
Switching hysteresis	10 ... 40 % adjustable
Operating frequency	350.000 Hz
Switching frequency	15 Hz
Response-/release time	< 5 ms / < 40 ms
Reproducibility	< 1 % / Sn max.
Ambient temperature	-20 ... +50 °C
Temperature drift	-0,1 %/K (switching output), -0,17 %/K (air path)
Insulation voltage endurance	500 V
Protection class	IP 67
Casing material	stainless steel, plastics V2A (1.4301 / AISI 304), (Polyamide - PA)
Connection	Cable, 2 m