

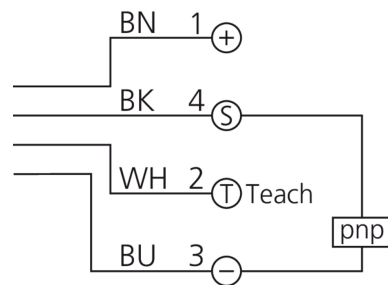
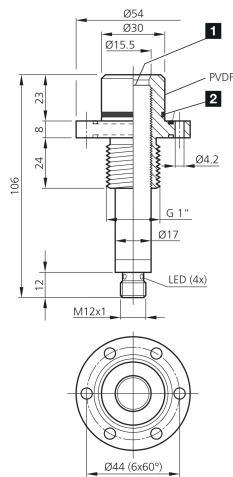


209513

UST 17 T 1500 P3-B4

Ultrasonic sensor

- Housing resistant against aggressive media and gases
- Configurable as an ultrasonic sensor or barrier
- Working range adjustable
- Resistant to dirt
- Insensitive to ambient noise
- Measuring does not depend on surface
- High resolution



1) Sound outlet watertight, chemically resistant - Viton® 2) O-ring, chemically resistant - Viton® (2x) BK: black BN: brown BU: blue WH: white

Function



Technical data (typ.)

+20°C, 24 V DC

Service voltage	11 ... 30 V DC
No-load current (max.)	45 mA
Ripple	10 %
Insulation voltage endurance	500 V
Transmission exit	axial
Housing material	Plastic (PVDF) / Brass (CuZn, nickel-plated)
Material	PTFE (Transducer cover)
Protection class	III, operation on protective low voltage
Operating principle	Ultrasonic sensor, Ultrasonic barrier
Evaluation	digital
Design	Thread
Scope of delivery	2 x Viton O-rings
Switching output	pnp, 100 mA, NO/NC
Adjustment range	120 ... 1500 mm
Resolution	0.5 mm
Switching hysteresis (max.)	2 mm (axial)
Reproducibility	2 % / Sn max.
Sensitivity adjustment	Remote teach
Ultrasonic frequency	180 kHz



209513
UST 17 T 1500 P3-B4
Ultrasonic sensor

Technical data (typ.)	+20°C, 24 V DC
Switching frequency	5 Hz
Response time	100 ms
Ambient temperature during operation	0 ... +60 °C
Temperature drift	stabilized
Protection type	IP 67
Connection	Connector, M12, 4-pin
Connection cable	VK ...
More information / accessories	https://www.di-soric.com/209513