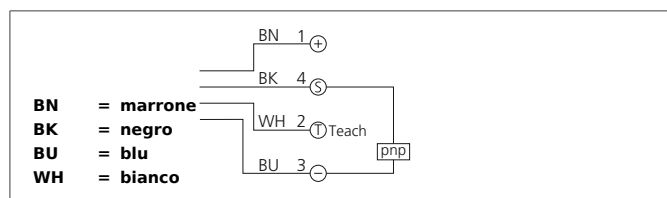


UST 17 T 1500 P3-B4

Ultrasonic sensor



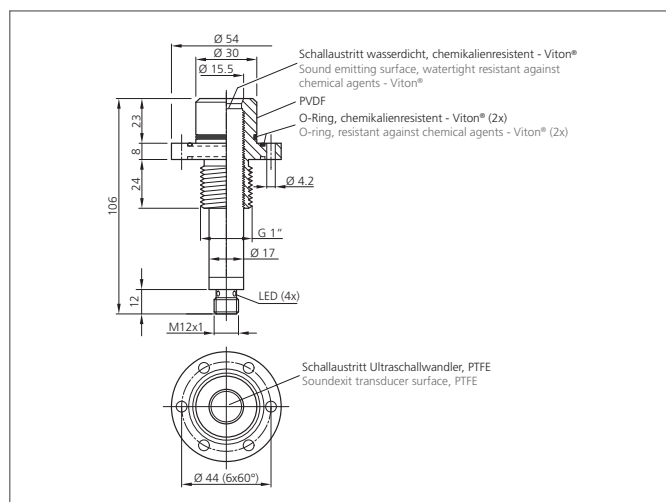
- Housing resistant against aggressive media and gases
- As a ultrasonic sensor or -barrier configurable
- Scanning range adjustable
- Insensitive to dirt
- Insensitive to ambient noise
- Scanning does not depend on surface
- High resolution



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, Ultrasonic barrier
Evaluation	digital
Design	screw
Sending axis	axial
Service voltage	11 ... 30 V DC
No-load current	45 mA
Operating distance	1500 mm
Adjustment range	120 ... 1500 mm
Resolution	0,5 mm
Sensitivity adjustment	Remote teach
Switching output	pnp, 100 mA, NO/NC
Switching hysteresis	2 mm, axial
Sound frequency	180 kHz
Ripple	10 %
Shock/vibration load	10 ... 55 Hz / 1,0 mm / 30 g
Switching frequency	5 Hz
Response-/release time	100 ms
Reproducibility	2 % / Sn max.
Ambient temperature, operation	0 ... +60 °C
Temperature drift	stabilized
Insulation voltage endurance	500 V
Protection class	IP 67
Casing material	PVDF / brass, nickel plated

UST 17 T 1500 P3-B4

Ultrasonic sensor



TECHNICAL INFORMATION (typ.)		+20°C, 24V DC
Material		PTFE (Transducer enclosure)
Connection		Connector, M12, 4-poled
Scope of delivery		2 x Viton O-rings