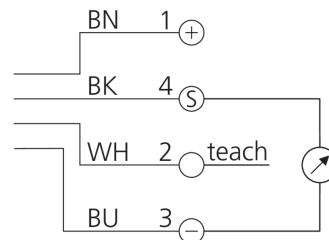
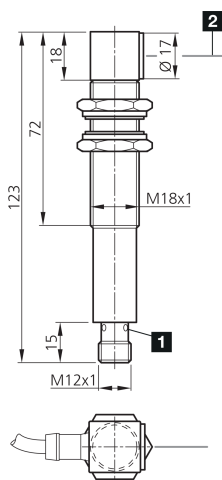




209509
UST 18 MR 1500 IU-B4
Ultrasonic sensor

- Configurable as an ultrasonic sensor or barrier
- Working range adjustable
- Analog current output
- Resistant to dirt
- Insensitive to ambient noise
- Measuring does not depend on surface
- High frequency of measuring sequence
- High resolution



1) LED 4 x 90° (yellow) 2) Sound outlet ultrasonic transducer 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.)	65 mA
Ripple	10 %
Insulation voltage endurance	500 V
Thread	M18 x 1
Transmission exit	radial
Housing material	Brass (CuZn, nickel-plated)
Protection class	III, operation on protective low voltage
Operating principle	Ultrasonic sensor, Ultrasonic barrier
Evaluation	analog
Design	Thread
Scope of delivery	2 x M18 nuts, 2 x washers, 2 x rubber rings
Analog output	0 ... 10 V (teachable), 4 ... 20 mA (teachable)
Analog output linearity	1 % (Sn max.)
Load resistance	> 10 KΩ (0 ... 10 V) / < 400 Ω (4 ... 20 mA)
Adjustment range	120 ... 1500 mm
Resolution	0.5 mm
Switching hysteresis (max.)	axial
Reproducibility	2 % / Sn max.
Sensitivity adjustment	Remote teach



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Technical data (typ.)	+20°C, 24 V DC
Measuring frequency	30 Hz
Ultrasonic frequency	180 kHz
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/209509