

AR 10.928.010L Accelerometer



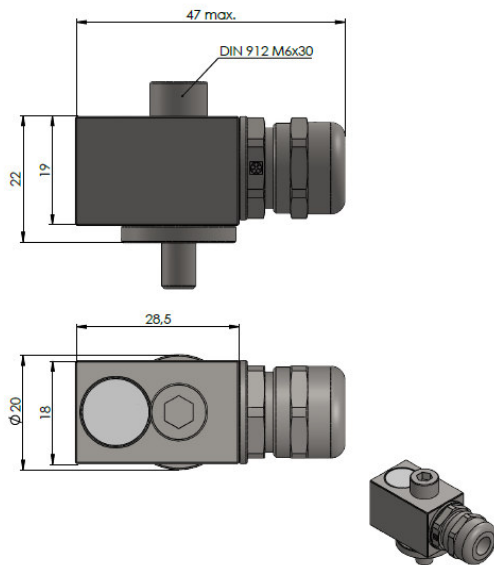
- accelerometer for vibration and roller bearing condition measurements in 1 axis
- heavy duty design for use in harsh environments, such as in contact with cooling liquid
- integral cable for protection against moisture
- PUR cable isolation
- 2-wire cable with separate shield
- stainless steel-body

Specification:

| | |
|-----------------------------------|--|
| Sensor Type | piezoelectric accelerometer (PZT/Shear) |
| Sensitivity | 10 mV/g +/-10% |
| Resolution | 0,01 g |
| Acceleration Range | max. 500 g |
| Shock Limit | max. 5000 g |
| Frequency Range | 0,5 - 10.000 Hz +/-3 dB (5.000 - 50.000 Hz for Spike-Energy-Measurement) |
| Resonant Frequency, Mounted | > 25 kHz |
| Power Requirements (IEPE) | Constant current 2 -10 mA; +18 to 28 V DC for each axis |
| Temperature Range | -40...+120°C (Cable: -40...+70°C) |
| Housing Material | stainless steel |
| Dimensions | see drawing |
| Mounting | 1 Screw M6 |
| Weight | approx. 80 gramms (without cable) |
| Shipping Weight | approx. 200 gramms (with 1 m cable) |
| Cable | 2-wire, shielded, PUR isolation, wire dimension 0,25 mm ² outer diameter approx. 4,5 mm |
| Order No. / Standard-Cable Length | AR 10.928.010.L / approx 1 meter, cable end connector Lemo 1T304 (Male) |

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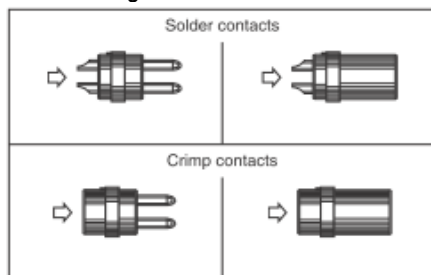
Dimensions:



Pin Assignment:

Lemo Type 1T304:

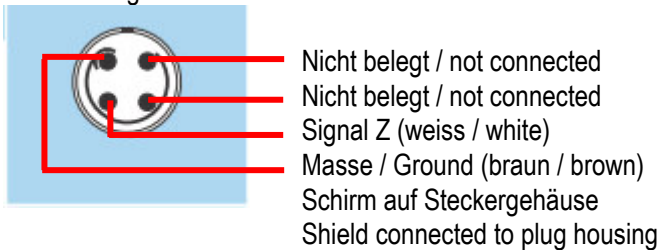
Stecker/Plug Buchse/Socket



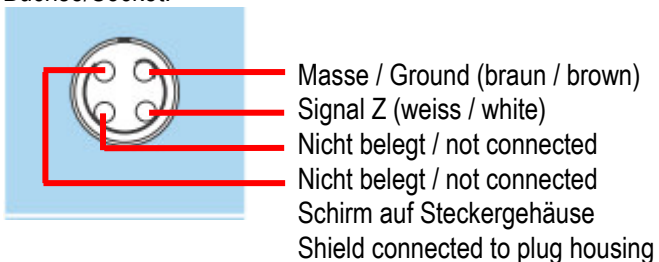
Ansicht von Kabelseite!

View from cable side

Stecker/Plug:



Buchse/Socket:



Scope of Delivery:

sensor with mounted connector
mounting screw M6
stainless steel washer
spec sheet
calibration protocol

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