

## AR 100.928 HT ACCELEROMETER



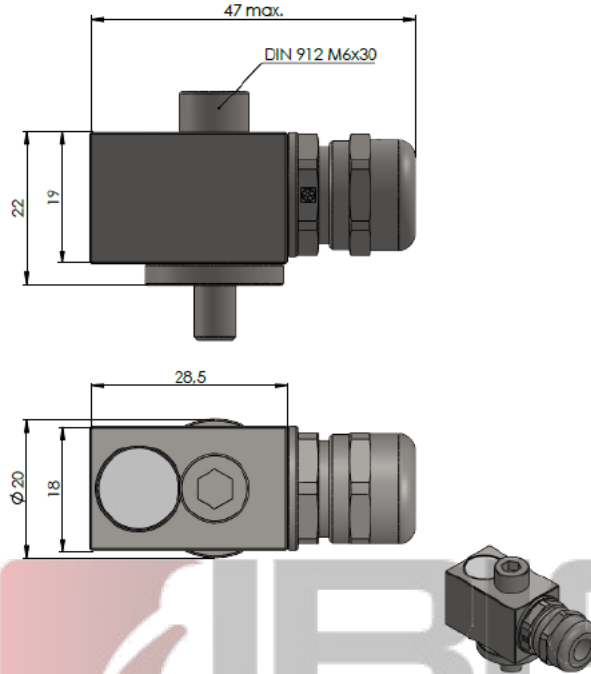
- accelerometer for vibration and bearing condition measurements
- Heavy-Duty-Version for harsh environment
- fix installed robust cable, PUR-coated
- 2-wire-cable with separate shield
- stainless steel housing
- thru-hole for easy mounting with 1 screw
  
- **HT-Version for high temperature condition**

### Technical Specifications:

Sensor Type	piezoelectric accelerometer (PZT/Shear)
Sensitivity	100 mV/g +/-10%
Resolution	0,001 g
Amplitude Range	max.50 g
Shock Resistance	max 5000 g
Frequency Response	0,5 - 10.000 Hz +/-3 dB (5.000 - 50.000 Hz for spike-energy-measurement)
Resonance Frequency	> 25 kHz
Power Supply	constant current 2 -10 mA; +18 to 28 V DC
Temperature Range	-40...+120°C (cable: -40...+145°C)
Housing	stainless steel, hard chrome plated
Dimensions	according to attached drawing
Mounting	with 1 screw M5 or M6
Weight	ca. 40 gramm (without cable)
Shipping Weight	ca. 100 g (with 2,5m cable)
Connection Cable	2-wire, each 0,25 mm <sup>2</sup> , shielded, silicon coated, cable diameter ca. 4,6 mm
Ord.-No. / Cable Lengths / Cable End	AR100.928.025HT: ca. 2,5m, open cable end AR100.928.050HT: ca. 5m, open cable end AR100.928.100: ca. 10m, open cable end AR100.928.025XLR: 2,5m, cable end: connector XLR/5 AR100.928.050XLR: 5,0m, cable end: connector XLR/5 AR100.928.100XLR: 10m, cable end: connector XLR/5 (other cable lengths / connectors on request)

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## Dimensions:



Cable Length:	2.500 $\pm$ 50
	5.000 $\pm$ 50
Cable Wiring:	
white	Signal
brown	Ground
shield	isolated from housing

**optional:** with connector XLR/5



mounting with screw M6  
with or without adaptor washer  
AR.xxx.928.104.000

## Connector Wiring:

Pin 1:	-	
Pin 2:	-	
Pin 3:	weiss	Signal Schwingung
Pin 4:	braun	Masse Schwingung
Pin 5:		Schirm



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