

AM 1000 HS Accelerometer



- accelerometer with high sensitivity 1000 mV/g for vibration and roller bearing condition measurement
- heavy duty design for use in harsh environments
- industrial M12 connector for protection against moisture
- stainless steel housing
- with M6 thread for sensor mounting
- by screwing or using magnetic base

Specifications:

Sensor type	piezoelectric accelerometer (PZT/Shear)
Sensitivity	1.000 mV/g +/-15%
Resolution	0,00005 g
Measuring range	max.5 g / 50 m/s ² peak
Shock Limit	max 5000 g
Frequency range	0,1 - 10.000 Hz +/-3 dB (5.000 - 50.000 Hz für Spike-Energy)
Resonant Frequency, mounted	> 20 kHz
Power Requirements	Constant current 2 -10 mA; +18 to 28 V DC
Temperature Range	-40...+120°C
Housing Material	Stainless Steel
Dimensions	25 mm diameter, hexagonal SW24 Total height approx. ca. 59 mm
Mounting	Thread M6 x 5 mm
Weight	approx. 140 Gramms (excluding cable)
Shipping weight	approx. 1 kg, depending on accessories
Connector	4-pin M12 Pin 3: Power/Signal Pin 4: Ground
Order No.	AM1000.010.015



Dimensions:

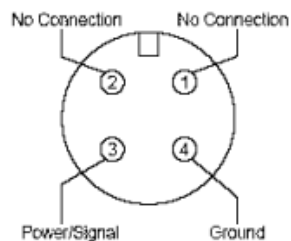


Accessories:

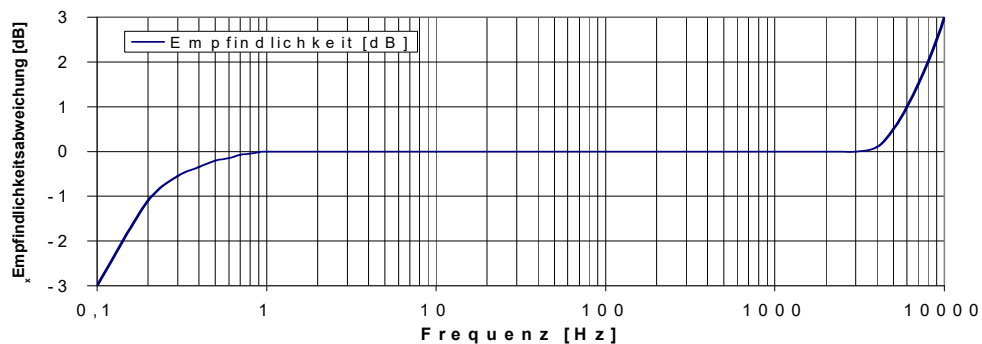
connecting cable 1,5m BNC,
magnetic holder flat



Connections:



Frequency Response (typical):



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