

## AM 100 Accelerometer



- Accelerometer for vibration and roller bearing condition measurements
- Heavy duty design for use in harsh environments
- Industrial M12 connector for protection against moisture
- Stainless steel housing

### Specifications:

Sensor type	piezoelectric accelerometer (PZT/Shear)
Sensitivity	100 mV/g +/-10%
Resolution	0,001 g
	max.50 g
Shock Limit	max 5000 g
Frequency range	0,5 - 10.000 Hz +/-3 dB (5.000 - 50.000 Hz for Spike-Energy)
Resonant Frequency, mounted	> 25 kHz
Power Requirements	Constant current 2 -10 mA; +18 to 28 V DC
Temperature Range	-40...+120°C
Housing Material	Stainless Steel
Dimensions	22 mm hexagonal Total height approx. 44 mm
Mounting	Thread M6 x 5 mm
Weight	approx. 60 Gramms (excluding cable)
Shipping weight	approx. 1 kg, depending on accessories
Connector	4-pin M12 Pin 3: Power/Signal Pin 4: Ground
Order No.	AM100.016.015

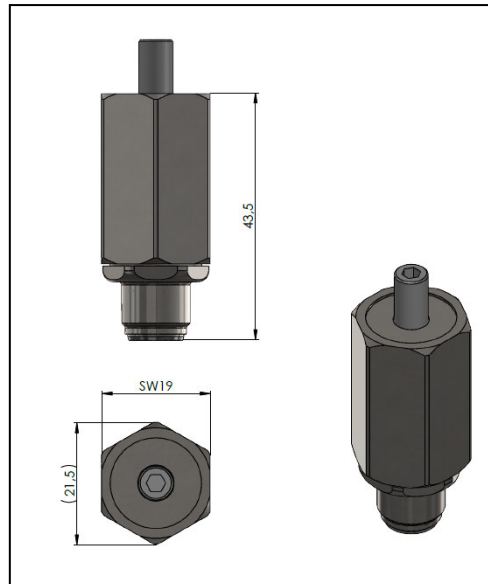


### Accessories:

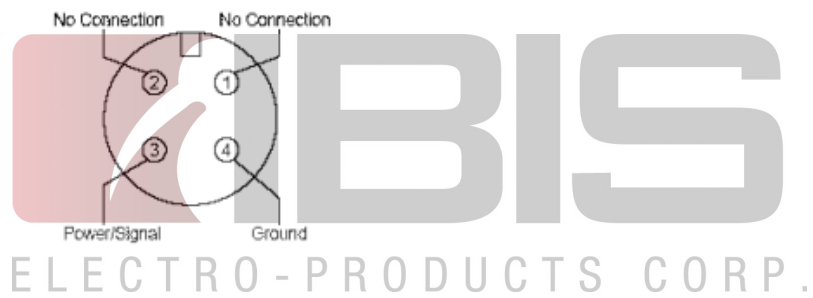
connecting cable 1,5m BNC,  
magnetic holder flat



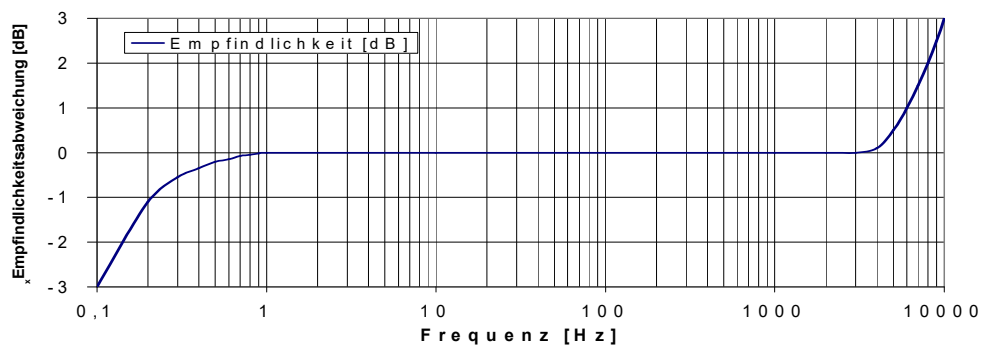
### Dimensions:



### Connections:



### Frequency Response (typical):



#### IBIS GmbH

Werner-von-Siemens-Str. 21  
64319 Pfungstadt

Tel: (0)6157-949-370

Fax: (0)6157-949-100

[www.ibis-gmbh.de](http://www.ibis-gmbh.de)

[info@ibis-gmbh.de](mailto:info@ibis-gmbh.de)