

ACC - 501

IEPE Accelerometer

■ FEATURES

- Wide bandwidth up to 11kHz
- ±25g to ±100g Range
- 2-Wire IEPE Interface
- 8°C to +100°C Operating Range
- Case Grounded Design
- Hermetically Sealed
- Low-Cost, Embedded Applications



■ APPLICATIONS

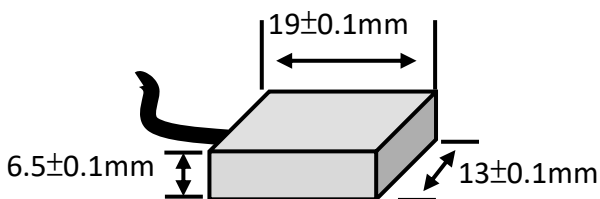
- Embedded Preventive Maintenance
- Embedded Sensing Solution
- Machine Monitoring
- Low-Cost OEM Installation
- Permanent Structural Study

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ACC-501 PERFORMANCE SPECIFICATIONS

	ACC-501-100	ACC-501-25
Range (g)	± 100g	± 25g
Sensitivity (Typical)	50 mV/G	200 mV/G
Non-Linearity (%FSO)	± 0.2%	
Frequency Response (Hz)	3.0 to 11.2K	
Natural Frequency (Hz)	21.3 K	
Transverse Sensitivity(%)	2.0	
Shock Limit (g)	1000	
Noise Density	22.5 $\mu\text{g}/\sqrt{\text{Hz}}$	
Compliance Voltage (Vdc)	18 to 30	
Bias Voltage (Vdc)	11.0 to 13.0	
Excitation Current (mA)	4.0 to 8.0	
Operating Temperature	-8 to 100 (°C)	
Weight (grams)	6.0 (without cable)	
Mounting	Adhesive	
Case Material	Steel	

Note : Changes to appearance and specifications are subject to change without notice



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Ordering Information

ACC-501-25-L ± 25g Accelerometer

ACC-501-100-L ± 100g Accelerometer

L : Coaxial cable length (mm)

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