

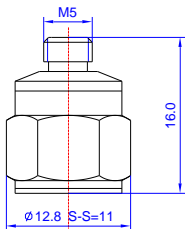
Product Model: **MM161A Series**

Miniature Single Axis IEPE Accelerometer

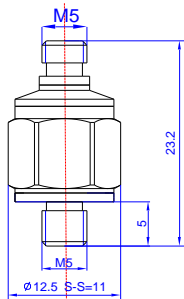
Version: A Date: 17/3/2022

Sensor Features:

- Ceramic material with wide temperature coefficient
- Stable output in high and low temperature



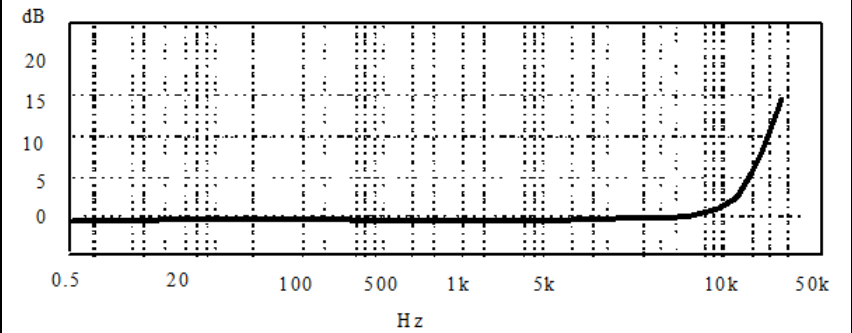
- Adhesive:



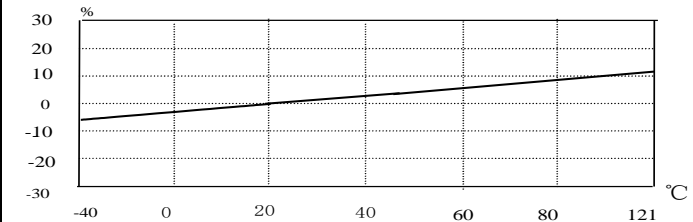
- M5 (Male)

Model	MM161A-100
Sensitivity ($\pm 10\%$)	100 mV/g
Measurement Range	± 50 g
Frequency Range (± 1 dB)	1-10,000 Hz
Resolution	1 mg rms
Resonant Frequency	~ 40 kHz
Transverse Sensitivity + Non Linearity	$\leq 5\%$ / $\leq 1\%$
Temperature Range	$-40 \sim +121$ °C
Excitation Voltage	$+18 \sim +28$ VDC
Excitation Current	2 to $+10$ mA
Sensing Element	Ceramic/Shear
Output Impedance	< 100 Ω
Output Bias Voltage	11 ± 1.5 VDC
Housing Material	Stainless Steel
Size mm	As left figure
Weight	~ 7.5 g
Output Connector	M5 Top
Mounting	M5 (Female), M5 (Male) or Adhesive

Frequency Response



Temperature Response



Accessories

- Certificate of inspection 1ea + 2M Coaxial shielded cable 1ea + M5 stud 1 ea M5 (Female) Mounting Type

Remark



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