

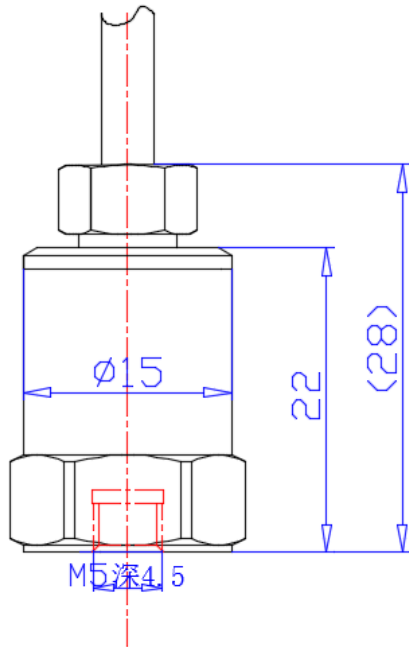
Product Model: **MM173A series**

Piezoelectric IEPE Accelerometer

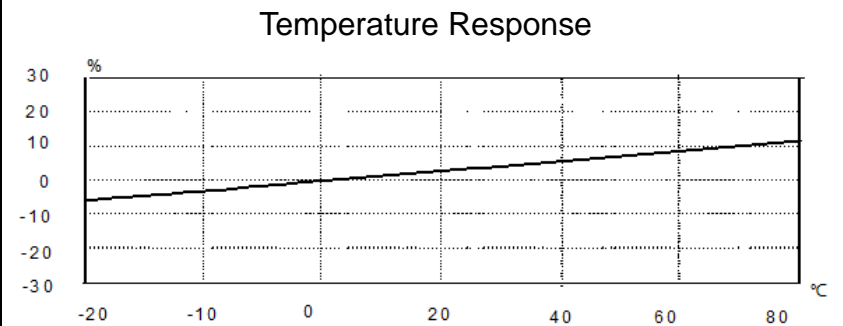
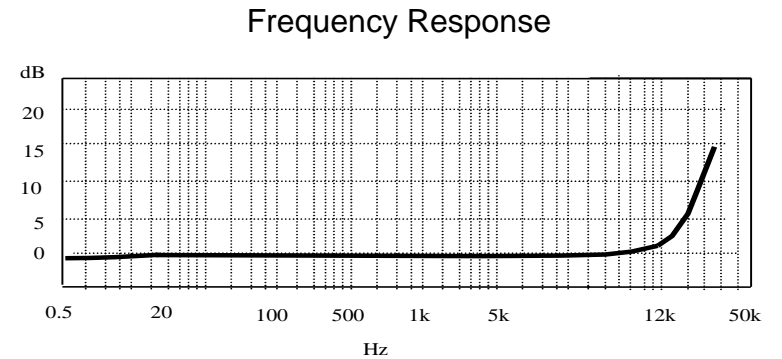
Version: **A** Date: **27/5/2022**

Sensor Feature:

- Shear design to reduce the influence of the environment on the signal
- Using wide temperature coefficient ceramic material
- Stable output in high and low temperature



Performance	MM173A-100
Sensitivity (±10%)	100 mV/g
Measurement Range	±50 g
Resolution	0.25 mg rms
Frequency Range(±1 dB)	0.5-8,000 Hz
Resonant Frequency	~25 kHz
Non-linearity	≤1%
Transverse Sensitivity	≤5%
Temperature Range	-20 ~+80 °C
Excitation Voltage	+18~+28 VDC
Excitation Current	2 - 10 mA
Output Impedance	<100 Ω
Output Bias Voltage	11±1.5 VDC
Sensing Element/Geometry	Ceramic/Shear
Size mm	As left figure
Weight	~27 g
Mounting	M5(Female)
Output Connector	Water-proof Integral Cable
Housing Material	316L Stainless Steel
Enclosure Rating	IP68



Metromatics

ABN: 47 007 346 287

Accessories	<ul style="list-style-type: none"> • Water-proof coaxial shielded integral cable 1ea 2m • Certificate of inspection 1ea • M5 stud 1ea
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Remark

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