

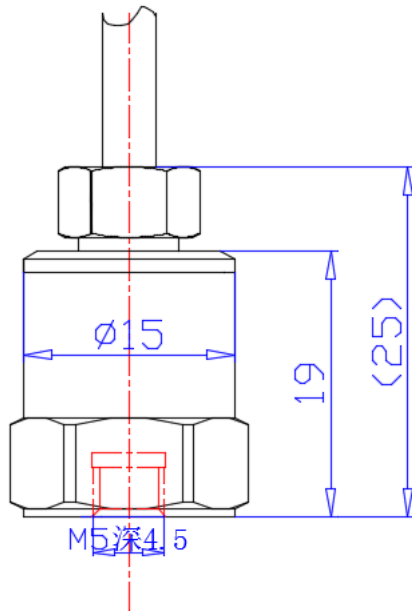
Product Model: **MM273A series**

Piezoelectric PE Water-proof Accelerometer

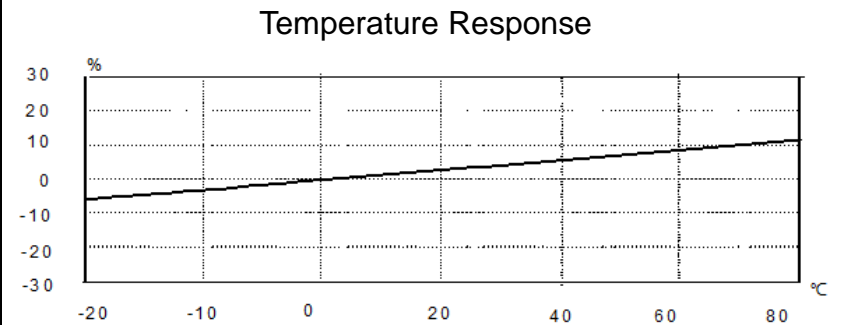
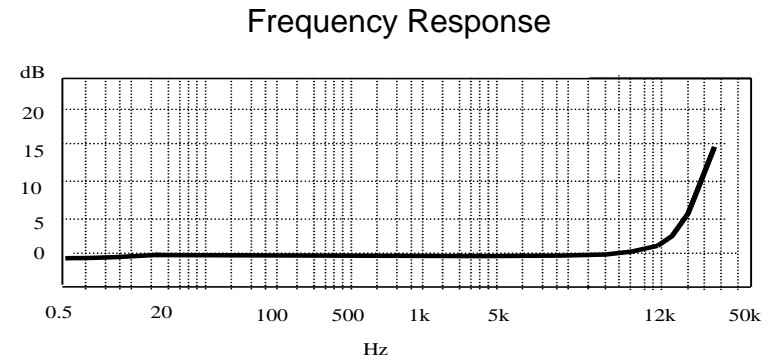
Version: **A** Date: **2022-8-17**

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	MM273A-50
Sensitivity ($\pm 10\%$)	50 pC/g
Measurement Range	± 1000 g
Frequency Range (± 1 dB)	8,000 Hz
Resonant Frequency	~ 25 kHz
Non-linearity	$\leq 1\%$
Transverse Sensitivity	$\leq 5\%$
Temperature Range	$-20 \sim +80$ °C
Insulation Resistance	$\geq 10^9 \Omega$
Case Isolation	$\geq 100M\Omega$
Sensing Element/Geometry	Ceramic/Shear
Size mm	As left figure
Weight	~ 25 g
Mounting	M5 (Female)
Output Connector	Water-proof Integral Cable
Housing Material	316L Stainless Steel
Sealing	Welded
Enclosure Rating	IP68



Metromatics

ABN: 47 007 346 287

Accessories

- Water-proof low noise integral cable 1ea 2m
- Certificate of inspection 1ea
- M5 stud 1ea

Remark

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