

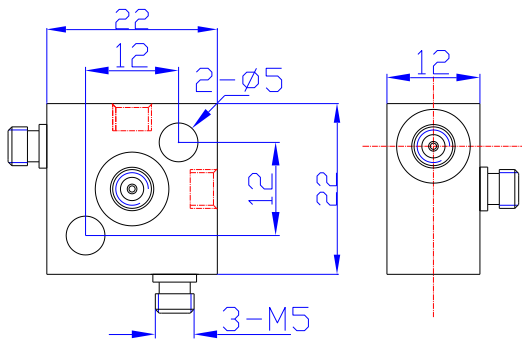
Product Model: **MM242A Series**

## General Purpose Triaxial PE Accelerometer

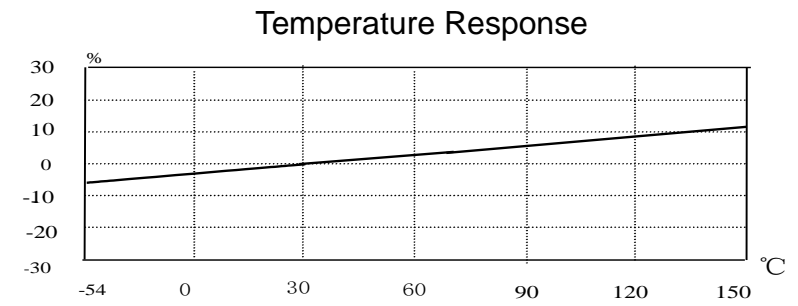
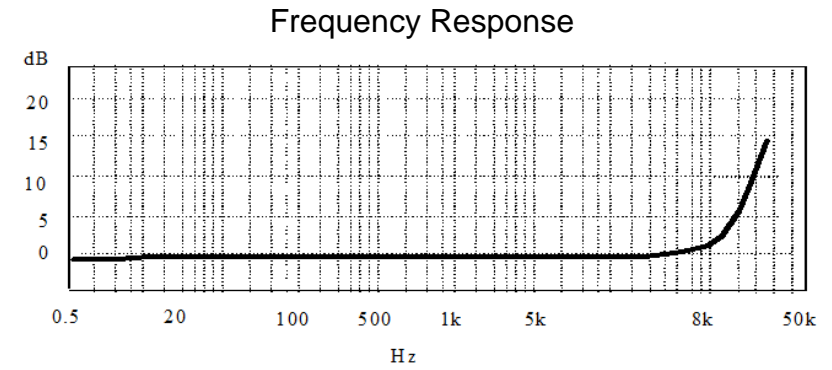
Version: A Date: 17/3/2022

**Sensor Features:**

Stable output in high and low temperatures  
 Uses a wide temperature coefficient ceramic material  
 Shear Design to reduce the influence of the environment on the signal



Model	MM242A-10
Sensitivity ( $\pm 10\%$ )	10 pC/g
Measurement Range	$\pm 2,000$ g
Transverse Sensitivity	$\leq 5\%$
Frequency Range ( $\pm 1$ dB)	8,000 Hz
Resonant Frequency	$\sim 25$ kHz
Non-linearity	$\leq 1\%$
Temperature Range	-54 $\sim$ +150 $^{\circ}\text{C}$
Insulation Resistance	$\geq 10^{10}\Omega$
Sensing Element/Geometry	Ceramic/Shear
Size mm	As left figure
Weight	$\sim 37$ g
Mounting	(2) $\Phi 5$ (Thru-hole)
Output Connector	(3) M5
Housing Material	Stainless Steel
Sealing	Epoxy Glue



**Metromatics**

ABN: 47 007 346 287

**Accessories**

- 2M Low Noise Cable 3 ea
- Certificate of inspection 1ea + M5 Stud 2ea + M5 Screw 2ea

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**Remark**