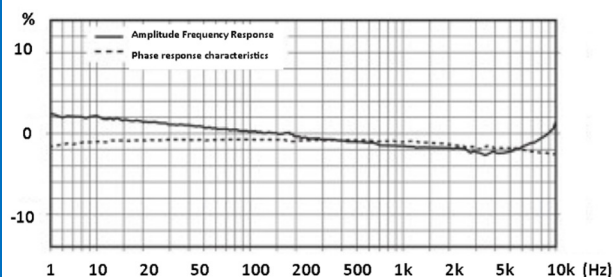
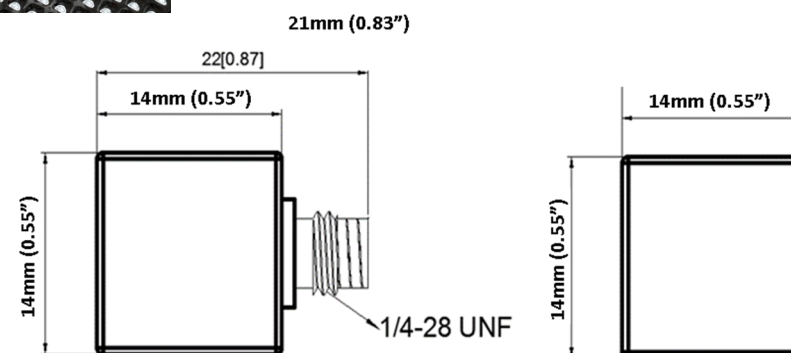


- Triaxial IEPE Accelerometer
- Sensitivity – 100mV/g
- Shear design
- Piezoelectric ceramic PZT-5
- Mass - 11grams
- 1/4-28UNF side entry 4 pin connector
- Tapped base for stud mounting



The GVT100S-T is a general purpose triaxial IEPE accelerometer for the measurement of broad band vibration in a wide range of vibration test applications, its small size and low mass make it an ideal all rounder.

Specification	Metric	Imperial
Sensitivity	10mV/(m/s <sup>2</sup> )	100mV/g
Measurement Range (pk)	±490m/s <sup>2</sup>	±50g
Frequency Range ±10%	(Y,Z) 1 to 8000 Hz (X) 1 to 7000	
Resonant Frequency	≥30 kHz	
Non-Linearity	≤1 %	
Transverse Sensitivity	≤5 %	
Electrical Noise Floor	0.001m/s <sup>2</sup> rms	0.0001g rms
Overload Limit (Shock)	±49000(m/s <sup>2</sup> )pk	±5000gpk
Operating Temp. Range	-55 to +125°C	-67 to +257°F
Compliance Voltage (Supply)	+18 to +28 VDC	
Current range	2 – 10mA	
Output Bias Voltage	11VDC ± 1.5VDC	
Size (excluding connector)	14x14x14 (mm)	0.55x0.55x0.55 (in)
Weight	11gm	0.39oz
Sensing Geometry	Shear	
Sensing Element Material	PZT-5	
Case Material	Titanium	
Connector Position	Side	
Case sealing	Hermetic	
Electrical Connection Type	1/4-28UNF 4 pin	
Mounting	10/32UNF Tapped Base	



Kemo has a range of cable assemblies available for use with the GVT100S-T

- 7F82-50 – 5m cable ending in 3 x BNC plugs (X, Y, Z)
- 7F82-30 - 3m cable ending in 3 x BNC plugs (X, Y, Z)
- 7F81-50 - 5m cable ending in 3 x microdot plugs (X, Y, Z)
- 7F81-30 - 3m cable ending in 3 x microdot plugs (X, Y, Z)

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