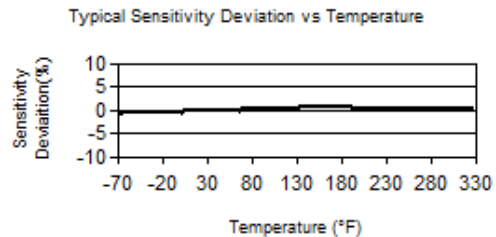


	ENGLISH	SI
Performance		
Sensitivity(± 10 %)	10 mV/g	1.02 mV/(m/s ²)
Measurement Range	± 500 g pk	± 4905 m/s ² pk
Frequency Range(± 5 %)	2 to 8000 Hz	2 to 8000 Hz
Resonant Frequency(x or y axis)	≥ 25 kHz	≥ 25 kHz
Resonant Frequency(z axis)	≥ 55 kHz	≥ 55 kHz
Filter Type(single pole)	Low Pass	Low Pass
Electrical Filter Roll-off	6 dB/octave	6 dB/octave
Electrical Filter Corner Frequency	>14 kHz	>14 kHz
Broadband Resolution(1 to 10,000 Hz)	0.008 g rms	0.078 m/s ² rms
Non-Linearity	≤ 0.5 %	≤ 0.5 %
Transverse Sensitivity	≤ 5 %	≤ 5 %
Environmental		
Overload Limit(Shock)	± 5000 g pk	± 49,050 m/s ² pk
Temperature Range(Operating)	-65 to +325 °F	-54 to +163 °C
Temperature Response	See Graph	See Graph
Temperature Coefficient of Sensitivity	≤ 0.011 %/°F	≤ 0.020 %/°C
Electrical		
Excitation Voltage	18 to 30 VDC	18 to 30 VDC
Constant Current Excitation	2 to 20 mA	2 to 20 mA
Output Impedance	≤ 200 Ohm	≤ 200 Ohm
Output Bias Voltage(Room Temperature)	7 to 12 VDC	7 to 12 VDC
Discharge Time Constant	0.6 to 2 sec	0.6 to 2 sec
Settling Time(within 10% of bias)	<3 sec	<3 sec
Spectral Noise(1 Hz)	1700 µg/√Hz	16,660 (µm/sec ²)/√Hz
Spectral Noise(10 Hz)	500 µg/√Hz	4900 (µm/sec ²)/√Hz
Spectral Noise(100 Hz)	200 µg/√Hz	1960 (µm/sec ²)/√Hz
Spectral Noise(1 kHz)	100 µg/√Hz	980 (µm/sec ²)/√Hz
Physical		
Sensing Element	UHT-12™	UHT-12™
Sensing Geometry	Shear	Shear
Housing Material	Titanium	Titanium
Sealing	Hermetic	Hermetic
Size (Height x Length x Width)	0.4 in x 0.4 in x 0.4 in	10.2 mm x 10.2 mm x 10.2 mm
Weight	0.14 oz	4 gm
Electrical Connector	8-36 4-Pin	8-36 4-Pin
Electrical Connection Position	Side	Side
Mounting	Adhesive	Adhesive

OPTIONAL VERSIONS
Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.

NOTES:
[1] Typical.
[2] See PCB Declaration of Conformance PS023 for details.

SUPPLIED ACCESSORIES:
Model 034K10 Cable 10FT Mini 4 Pin To (3) BNC (1)
Model 080A109 Petro Wax (1)
Model 080A90 Quick Bonding Gel (1)
Model ACS-1T NIST traceable triaxial amplitude response, 10 Hz to upper 5% frequency. (1)



All specifications are at room temperature unless otherwise specified.
In the interest of constant product improvement, we reserve the right to change specifications without notice.
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Entered: LK	Engineer: GJR	Sales: JC	Approved: BAM	Spec Number:
Date: 3/30/2017	Date: 3/30/2017	Date: 3/30/2017	Date: 3/30/2017	39999