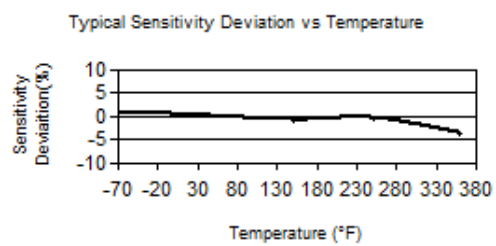


	<u>ENGLISH</u>	<u>SI</u>	
Performance			
Sensitivity(± 10 %)	10 mV/g	1.02 mV/(m/s ²)	
Measurement Range	± 500 g pk	± 4905 m/s ² pk	
Frequency Range(+/-5 %)	2 to 8000 Hz	2 to 8000 Hz	
Frequency Range(+/-10 %)	1.5 to 11,000 Hz	1.5 to 11,000 Hz	
Resonant Frequency	≥ 50 kHz	≥ 50 kHz	
Filter Type(single pole)	Low Pass	Low Pass	
Electrical Filter Roll-off	6 dB/octave	6 dB/octave	
Electrical Filter Corner Frequency	>14 kHz	>14 kHz	
Broadband Resolution	.008 g rms	.078 m/s ² rms	[1]
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	-65 to +356 °F	-54 to +180 °C	[1]
Temperature Response	See Graph	See Graph	[1]
Temperature Coefficient of Sensitivity	.012 %/°F	.022 %/°C	[1]
Electrical			
Excitation Voltage	18 to 30 VDC	18 to 30 VDC	
Constant Current Excitation	2 to 20 mA	2 to 20 mA	
Output Impedance	≤ 400 Ohm	≤ 400 Ohm	
Output Bias Voltage	9 to 14 VDC	9 to 14 VDC	
Discharge Time Constant	.3 to 2 sec	.3 to 2 sec	
Settling Time(within 10% of bias)	<3 sec	<3 sec	
Spectral Noise(1 Hz)	4800 µg/√Hz	47,088 (µm/sec ²)/√Hz	[1]
Spectral Noise(10 Hz)	560 µg/√Hz	5494 (µm/sec ²)/√Hz	[1]
Spectral Noise(100 Hz)	150 µg/√Hz	1472 (µm/sec ²)/√Hz	[1]
Spectral Noise(1 kHz)	60 µg/√Hz	589 (µm/sec ²)/√Hz	[1]
Physical			
Sensing Element	UHT-12™	UHT-12™	
Sensing Geometry	Shear	Shear	
Housing Material	Titanium	Titanium	
Sealing	Hermetic	Hermetic	
Size (Height x Length x Width)	.4 in x .4 in x .4 in	10.2 mm x 10.2 mm x 10.2 mm	[1]
Weight	.15 oz	4.2 gm	
Electrical Connector	1/4-28 4-Pin	1/4-28 4-Pin	
Electrical Connection Position	Side	Side	
Mounting	Stud	Stud	
Mounting Thread	10-32 Female	10-32 Female	

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 010S10 Shielded cable, 10FT, 4-pin plug to (3) BNC plugs (Labeled X,Y,Z) (1)
Model 080A Adhesive Mounting Base (1)
Model 080A109 Petro Wax (1)
Model 080A90 Quick Bonding Gel (1)
Model 081B05 Mounting Stud (10-32 to 10-32) (1)
Model ACS-1T NIST traceable triaxial amplitude response, 10 Hz to upper 5% frequency. (1)
Model ACS-44T Triaxial extended amplitude response, upper 5% point to 10% point (requires ACS-1T or equivalent). (1)
Model M081B05 Mounting Stud 10-32 to M6 X 0.75 (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.
ICP® is a registered trademark of PCB Group, Inc.

Entered: LK	Engineer: TL	Sales: WDC	Approved: JJB	Spec Number:
Date: 10/30/2018	Date: 10/30/2018	Date: 10/30/2018	Date: 10/30/2018	66978