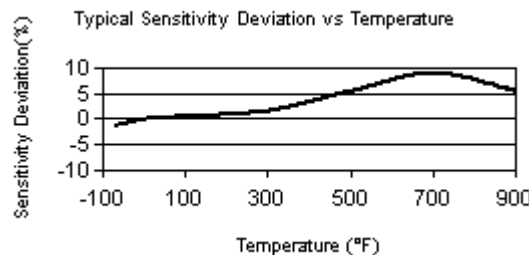


	ENGLISH	SI	
Performance			
Sensitivity(± 10 %)	10 pC/g	1.02 pC/(m/s ²)	
Measurement Range	± 1000 g pk	± 9810 m/s ² pk	
Frequency Range(± 5 %)	5 kHz	5 kHz	[2]
Resonant Frequency	≥ 24 kHz	≥ 24 kHz	
Non-Linearity	≤ 1 %	≤ 1 %	[3]
Transverse Sensitivity	≤ 3 %	≤ 3 %	
Environmental			
Overload Limit(Shock)	± 5000 g pk	± 49,050 m/s ² pk	
Temperature Range	-65 to +900 °F	-54 to +482 °C	
Temperature Response	See Graph	See Graph	[1]
Temperature Response	See Graph	See Graph	
Temperature Response	See Graph	See Graph	
Base Strain Sensitivity	0.001 g/με	0.01 (m/s ²)/με	[1]
Radiation Exposure Limit(Integrated Neutron Flux)	1 E10 N/cm ²	1 E10 N/cm ²	
Radiation Exposure Limit(Integrated Gamma Flux)	1 E8 rad	1 E8 rad	
Electrical			
Capacitance	630 pF	630 pF	[1]
Insulation Resistance(900°F [482°C])	>100 kohm	>100 kohm	
Insulation Resistance(at 70°F [21°C])	>10 ⁸ ohm	>10 ⁸ ohm	
Output Polarity	Negative	Negative	
Physical			
Sensing Element	Ceramic	Ceramic	
Sensing Geometry	Compression	Compression	
Housing Material	Inconel	Inconel	
Sealing	Hermetic	Hermetic	
Size (Hex x Height)	5/8 in x 1.0 in	5/8 in x 25.4 mm	
Weight	1.1 oz	30 gm	[1]
Electrical Connector	10-32 Coaxial Jack	10-32 Coaxial Jack	
Electrical Connection Position	Side	Side	
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.		
P - Positive Output Polarity		
Output Polarity	Positive	Positive

NOTES:
 [1] Typical.
 [2] Low frequency response is determined by external signal conditioning electronics.
 [3] Zero-based, least-squares, straight line method.

SUPPLIED ACCESSORIES:
 Model 023A10 Hardline cable, 10-ft, 10-32 plug to 10-32 jack (1)
 Model 081A107 Mounting stud (10-32 to 10-32) (1)
 Model ACS-1 NIST traceable frequency response (10 Hz to upper 5% point). (1)
 Model M081A107 Metric 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: DMW	Engineer: SPW	Sales: RWM	Approved: EB	Spec Number:
Date: 7/27/2011	Date: 7/27/2011	Date: 7/27/2011	Date: 7/27/2011	18161

PCB PIEZOTRONICS™
VIBRATION DIVISION

3425 Walden Avenue, Depew, NY 14043

Phone: 716-684-0001
Fax: 716-685-3886
E-Mail: vibration@pcb.com