

	<u>ENGLISH</u>	<u>SI</u>	
Performance			
Sensitivity(± 5 %)	50 pC/g	5.1 pC/(m/s ²)	
Measurement Range	± 500 g pk	± 4905 m/s ² pk	
Frequency Range(± 5 %)	2.5 kHz	2.5 kHz	[2]
Resonant Frequency	≥ 13 kHz	≥ 13 kHz	
Non-Linearity	≤ 1 %	≤ 1 %	[3]
Transverse Sensitivity	≤ 5 %	≤ 5 %	[4]
Environmental			
Overload Limit(Shock)	± 2000 g pk	± 19,620 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	0.033 g/με	0.32 (m/s ²)/με	[1]
Radiation Exposure Limit(Integrated Neutron Flux)	1E10 N/cm ²	1E10 N/cm ²	
Radiation Exposure Limit(Integrated Gamma Flux)	1 E8 rad	1 E8 rad	
Electrical			
Capacitance(Pin to Pin)	990 pF	990 pF	[1]
Capacitance(Pin to Case)	26 pF	26 pF	[1]
Capacitance(Unbalance Between Pins)	≤ 2 pF	≤ 2 pF	
Insulation Resistance(Pin to Case 70°F)	>10 ⁸ Ohm	>10 ⁸ Ohm	[1]
Insulation Resistance(Pin to Pin 70°F)	>10 ⁸ Ohm	>10 ⁸ Ohm	
Insulation Resistance(Pin to Pin 900°F)	>100 kohm	>100 kohm	
Physical			
Sensing Element	Ceramic	Ceramic	
Sealing	Hermetic	Hermetic	
Size (Height x Diameter)	1.40 in x 0.75 in	35.6 mm x 19 mm	[1]
Weight	3.15 oz	90 gm	
Electrical Connector	7/16-27 2-Pin	7/16-27 2-Pin	
Electrical Connection Position	Side	Side	
Mounting	Through Holes (3)	Through Holes (3)	

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.

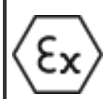
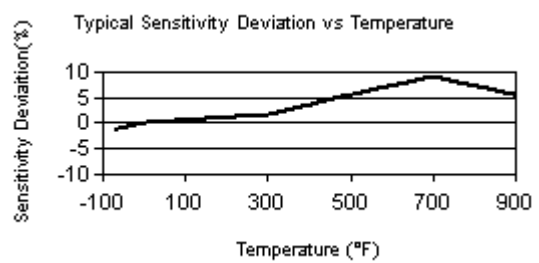
EX - Hazardous Area Approval- contact factory for specific approvals

NOTES:

[1]Typical.
 [2]Low frequency response is determined by external signal conditioning electronics.
 [3]Zero-based, least-squares, straight line method.
 [4]Transverse sensitivity is typically ≤ 3%.
 [5]See PCB Declaration of Conformance PS081 for details.

SUPPLIED ACCESSORIES:

Model 081A99 Cap Screw (3)
 Model ACS-1 NIST traceable frequency response (10 Hz to upper 5% point).



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: JM	Engineer: gs	Sales: EGY	Approved: BAM	Spec Number:
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PCB PIEZOTRONICS™

3425 Walden Avenue, Depew, NY 14043

Phone: 716-684-0001
 Fax: 716-684-0987
 E-Mail: info@pcb.com