

	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 %)	5000 Hz	5000 Hz	[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	0.007 g/με	0.07 (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	
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	

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.

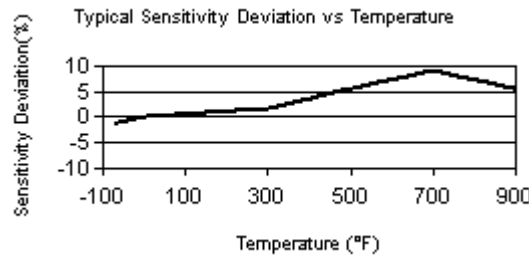
P - Positive Output Polarity

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.*

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