

	<u>ENGLISH</u>	<u>SI</u>	
<b>Performance</b>			
Sensitivity(± 20 %)	3.5 pC/g	.357 pC/(m/s <sup>2</sup> )	
Measurement Range	± 500 g pk	± 4905 m/s <sup>2</sup> pk	
Frequency Range(± 5 %)	6000 Hz	6000 Hz	
Resonant Frequency	≥ 35 kHz	≥ 35 kHz	
Non-Linearity	≤ 1 %	≤ 1 %	
Transverse Sensitivity	≤ 5 %	≤ 5 %	
<b>Environmental</b>			
Overload Limit(Shock)	± 3000 g pk	± 29,420 m/s <sup>2</sup> 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	0.002 g/με	0.02 (m/s <sup>2</sup> )/με	[1]
Radiation Exposure Limit(Integrated Neutron Flux)	1E10 N/cm <sup>2</sup>	1E10 N/cm <sup>2</sup>	
Radiation Exposure Limit(Integrated Gamma Flux)	1E8 rad	1E8 rad	
<b>Electrical</b>			
Capacitance	275 pF	275 pF	[1]
Insulation Resistance(at 900°F [482°C])	>100 kohm	>100 kohm	
Insulation Resistance(at 70° F [21°C])	>1 GOhm	>1 GOhm	
Output Polarity	Negative	Negative	
<b>Physical</b>			
Sensing Geometry	Compression	Compression	
Housing Material	Inconel	Inconel	
Sealing	Hermetic	Hermetic	
Size (Height x Diameter)	.875 in x .45 in	22.2 mm x 11.4 mm	
Weight	0.56 oz	16 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	
Mounting Torque	18 in-lb	2 Nm	

**OPTIONAL VERSIONS**

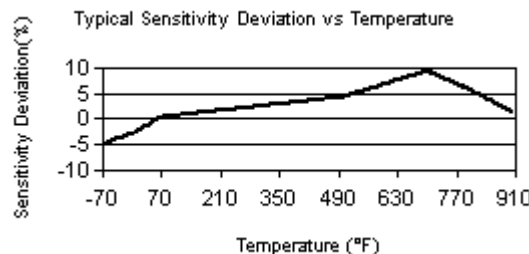
Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.

**P** - Positive Output Polarity

**NOTES:**  
[1] Typical.

**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)



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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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