

	<u>ENGLISH</u>	<u>SI</u>	
<b>Performance</b>			
Sensitivity(± 20 %)	0.35 pC/g	0.036 pC/(m/s <sup>2</sup> )	
Measurement Range	± 1000 g pk	± 9800 m/s <sup>2</sup> pk	
Frequency Range(+5 %)	12 kHz	12 kHz	[2]
Frequency Range(+10 %)	20 kHz	20 kHz	[2]
Resonant Frequency	≥ 70 kHz	≥ 70 kHz	
Non-Linearity	≤ 1 %	≤ 1 %	[3]
Transverse Sensitivity	≤ 5 %	≤ 5 %	
<b>Environmental</b>			
Overload Limit(Shock)	± 10,000 g pk	± 98,100 m/s <sup>2</sup> pk	
Temperature Range	-100 to +350 °F	-100 to +350 °F	
Temperature Range	-100 to +350 °F	-73 to +177 °C	
Temperature Response	See Graph	See Graph	[1]
<b>Electrical</b>			
Capacitance	140 pF	140 pF	[1]
Insulation Resistance(at 70° F [21°C])	>10 <sup>10</sup> Ohm	>10 <sup>10</sup> Ohm	
Output Polarity	Negative	Negative	
Electrical Isolation(Base)	≥ 10 <sup>8</sup> Ohm	≥ 10 <sup>8</sup> Ohm	
<b>Physical</b>			
Sensing Element	Ceramic	Ceramic	
Sensing Geometry	Shear	Shear	
Housing Material	Aluminum	Aluminum	
Sealing	Epoxy	Epoxy	
Size (Height x Diameter x Width)	0.11 in x 0.16 in x 0.27 in	2.8 mm x 4.1 mm x 6.9 mm	[1]
Weight	0.006 oz	0.16 gm	
Electrical Connector	3-56 Coaxial Jack	3-56 Coaxial Jack	
Electrical Connection Position	Side	Side	

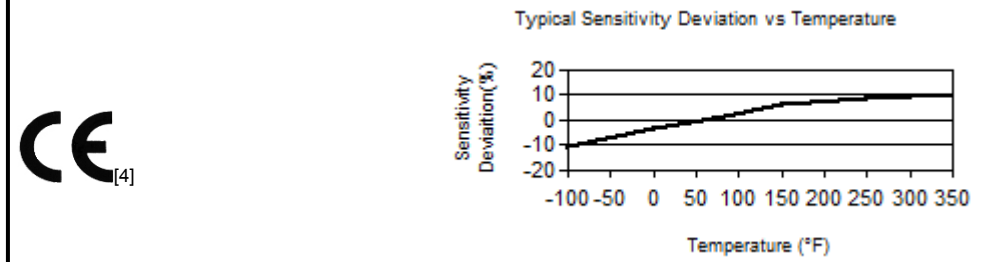
<b>OPTIONAL VERSIONS</b>		
Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.		
<b>P</b> - Positive Output Polarity		
Output Polarity	Positive	Positive

**NOTES:**  
 [1] Typical.  
 [2] Low frequency response is determined by external signal conditioning electronics.  
 [3] Zero-based, least-squares, straight line method.  
 [4] See PCB Declaration of Conformance PS081 for details.

**SUPPLIED ACCESSORIES:**  
 Model 030A10 Coax Cable, 10 ft (3 m), 3-56 plug to 10-32 plug. (1)  
 Model 039A29 Removal Tool (1)  
 Model 080A109 Petro Wax (1)  
 Model ACS-1 NIST traceable frequency response (10 Hz to upper 5% point). (1)

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All specifications are at room temperature unless otherwise specified.  
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