

	ENGLISH	SI	
<b>Performance</b>			
Sensitivity(± 30 %)	2.7 pC/g	0.28 pC/(m/s <sup>2</sup> )	
Measurement Range	± 500 g pk	± 4,905 m/s <sup>2</sup> pk	
Frequency Range(+ 5 %)	5 kHz	5 kHz	[1]
Frequency Range(+ 10 %)	7 kHz	7 kHz	[1]
Resonant Frequency	≥ 35 kHz	≥ 35 kHz	
Non-Linearity	≤ 1 %	≤ 1 %	[2]
Transverse Sensitivity	≤ 5 %	≤ 5 %	
<b>Environmental</b>			
Overload Limit(Shock)	± 5,000 g pk	± 49,000 m/s <sup>2</sup> pk	
Temperature Range	-95 to +490 °F	-70 to +254 °C	
Temperature Response	See Graph	See Graph	[3]
<b>Electrical</b>			
Capacitance	260 pF	260 pF	[3]
Insulation Resistance(at 70° F [21° C])	> 10 <sup>12</sup> Ohm	> 10 <sup>12</sup> Ohm	
Insulation Resistance(at 490° F [254° C])	> 10 <sup>8</sup> Ohm	> 10 <sup>8</sup> Ohm	[3]
Output Polarity	Negative	Negative	
<b>Physical</b>			
Sensing Element	Ceramic	Ceramic	
Sensing Geometry	Shear	Shear	
Housing Material	Titanium	Titanium	
Sealing	Hermetic	Hermetic	
Size (Length x Height x Width)	0.73 in x 0.40 in x 0.90 in	18.5 mm x 10.2 mm x 22.9 mm	
Weight	0.28 oz	7.9 gm	[3]
Electrical Connector	5-44 Coaxial	5-44 Coaxial	
Mounting	Through Hole	Through Hole	
Mounting Torque	10 to 20 in-lb	113 to 225 N-cm	

**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.

**M** - Metric Mount  
 Supplied Accessory: Model M039A23 Allen wrench, 4mm hex (1)  
 Supplied Accessory: Model M081A46 Mounting stud, M5 X 0.80 X 14mm (1)

**P** - Positive Output Polarity

**NOTES:**

[1] Low frequency response is determined by external signal conditioning electronics.  
 [2] Zero-based, least-squares, straight line method.  
 [3] Typical.  
 [4] See PCB Declaration of Conformance PS158 for details.

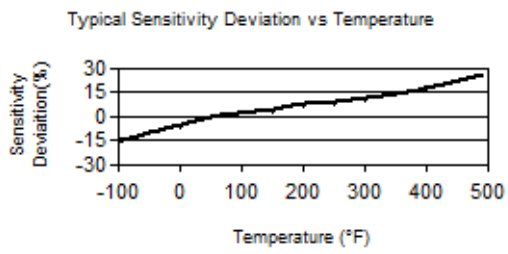
**SUPPLIED ACCESSORIES:**

Model 039A23 Allen wrench, 5/32" hex (1)  
 Model 080A90 Quick Bonding Gel (1)  
 Model 081A46 Mounting stud, 10-32 UNF, 0.56" long (1)  
 Model ACS-1T NIST traceable triaxial amplitude response, 10 Hz to upper 5% frequency. (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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