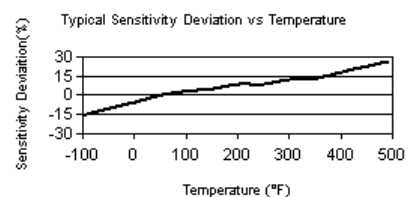


	ENGLISH	SI	
<b>Performance</b>			
Sensitivity (±30 %)	2.7 pC/g	0.28 pC/(m/s <sup>2</sup> )	
Measurement Range	±1000 g pk	±9800 m/s <sup>2</sup> pk	
Frequency Range (+5 %)	8 kHz	8000 Hz	
Frequency Range (+10 %)	10 kHz	10000 Hz	
Resonant Frequency	≥25 kHz	≥25 kHz	[3]
Non-Linearity	≤2 %	≤2 %	
Transverse Sensitivity	≤5 %	≤5 %	
<b>Environmental</b>			
Overload Limit (Shock)	±5000 g pk	±49000 m/s <sup>2</sup> pk	
Temperature Range	-94 to +500 °F	-70 to +260 °C	[1]
Temperature Response	See Graph	See Graph	
<b>Electrical</b>			
Capacitance	240 pF	240 pF	[1]
Insulation Resistance (at 70°F [21°C])	>10 <sup>12</sup> ohm	>10 <sup>12</sup> ohm	[1]
Insulation Resistance (at 500°F [260°C])	>10 <sup>8</sup> ohm	>10 <sup>8</sup> ohm	[1]
Output Polarity	Negative	Negative	[2]
<b>Physical</b>			
Sensing Element	Ceramic	Ceramic	
Sensing Geometry	Shear	Shear	
Housing Material	Titanium	Titanium	
Sealing	Hermetic	Hermetic	
Size (Length x Width x Height)	0.85 in x 0.5 in x 0.4 in	21.6 mm x 12.7 mm x 10.2 mm	
Weight	0.39 oz	11.0 gm	[1]
Electrical Connector	M3 Coaxial Jack	M3 Coaxial Jack	
Mounting Thread	M3 x 0.50 Male	M3 x 0.50 Male	
Mounting Torque	4.0 to 5.0 in-lb	45 to 55 N-cm	

**Optional Versions** (Optional versions have identical specifications and accessories as listed for standard model except where noted below. More than one option maybe used.)  
**P** - Positive Output Polarity

**Notes**  
 [1] Typical.  
 [2] Accel from structure into sensor base.  
 [3] Zero-based, least-squares, straight line method.

**Supplied Accessories**  
 039A25 Removal tool (for M3 connector) (1)  
 080A109 Petro Wax (1)  
 080A147 Adhesive mounting base (for Model 340A50) (1)  
 080A90 Quick Bonding Gel (1)  
 081A95 Mounting screw (2 each), M3 x 14 mm (for Model 340A50) (2)  
 M039A22 Allen wrench for use with M3 thread (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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