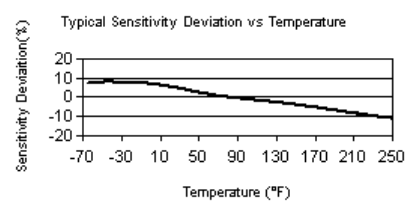


	ENGLISH	SI	
Performance			
Sensitivity (±15 %)	10 mV/g	1.02 mV/(m/s ²)	
Measurement Range	±500 g pk	±4900 m/s ² pk	
Frequency Range (±5 %)	0.5 to 10000 Hz	0.5 to 10000 Hz	
Frequency Range (±10 %)	0.35 to 16000 Hz	0.35 to 16000 Hz	
Frequency Range (±3 dB)	0.2 to 25000 Hz	0.2 to 25000 Hz	
Resonant Frequency	≥65 kHz	≥65 kHz	
Broadband Resolution (1 to 10000 Hz)	0.003 g rms	0.03 m/s ² rms	[1]
Non-Linearity	≤1 %	≤1 %	[2]
Transverse Sensitivity	≤5 %	≤5 %	
Environmental			
Overload Limit (Shock)	±10000 g pk	±98000 m/s ² pk	
Temperature Range (Operating)	-65 to +250 °F	-54 to +121 °C	
Temperature Response	See Graph	See Graph	[1]
Electrical			
Excitation Voltage	18 to 30 VDC	18 to 30 VDC	
Constant Current Excitation	2 to 20 mA	2 to 20 mA	
Output Impedance	≤200 ohm	≤200 ohm	
Output Bias Voltage	7 to 11 VDC	7 to 11 VDC	
Discharge Time Constant	1.0 to 3.5 sec	1.0 to 3.5 sec	
Settling Time (within 10% of bias)	≤3 sec	≤3 sec	
Spectral Noise (1 Hz)	725 µg/√Hz	7110 (µm/sec ² /√Hz)	[1]
Spectral Noise (10 Hz)	225 µg/√Hz	2210 (µm/sec ² /√Hz)	[1]
Spectral Noise (100 Hz)	60 µg/√Hz	590 (µm/sec ² /√Hz)	[1]
Spectral Noise (1 kHz)	20 µg/√Hz	196 (µm/sec ² /√Hz)	[1]
Physical			
Sensing Element	Ceramic	Ceramic	
Sensing Geometry	Shear	Shear	
Housing Material	Titanium	Titanium	
Sealing	Hermetic	Hermetic	
Size (Height x Length x Width)	.14 in x 0.41 in x 0.25 in	3.6 mm x 10.4 mm x 6.4 mm	
Weight (without cable)	0.023 oz	0.64 gm	[1]
Electrical Connector	Solder pins with attached cable	Solder pins with attached cable	
Electrical Connection Position	Side	Side	
Cable Termination	10-32 Coaxial Plug	10-32 Coaxial Plug	
Cable Length	10 ft	3.05 m	[3]
Mounting	Adhesive	Adhesive	

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

- Notes**
- [1] Typical.
 - [2] Zero-based, least-squares, straight line method.
 - [3] Cable is made up of 1 ft. of 089 cable (32 AWG twisted pair) spliced to 9 ft. of 018 cable (coaxial).
 - [4] See PCB Declaration of Conformance PS023 for details.

- Supplied Accessories**
- 039A32 One-piece removal tool for model 352A71 (1)
 - 080A109 Petro Wax (1)
 - 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.

In the interest of constant product improvement, we reserve the right to change specifications without notice.

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