

	<u>ENGLISH</u>	<u>SI</u>	
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 4500 Hz	0.5 to 4500 Hz	
Electrical Filter Corner Frequency	15,000 Hz	15,000 Hz	[1]
Electrical Filter Roll-off	6 dB/octave	6 dB/octave	[1]
Resonant Frequency	≥ 65 kHz	≥ 65 kHz	
Broadband Resolution(1 to 10,000 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)	± 10,000 g pk	± 98,000 m/s ² pk	
Temperature Range(Operating)	-65 to +200 °F	-54 to +93 °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 12 VDC	7 to 12 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)	100 µg/√Hz	981 (µm/sec ²)/√Hz	[1]
Spectral Noise(1 kHz)	100 µg/√Hz	981 (µm/sec ²)/√Hz	[1]
Physical			
Size (Height x Length x Width)	0.14 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]
Sensing Element	Ceramic	Ceramic	
Sensing Geometry	Shear	Shear	
Housing Material	Titanium	Titanium	
Sealing	Hermetic	Hermetic	
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

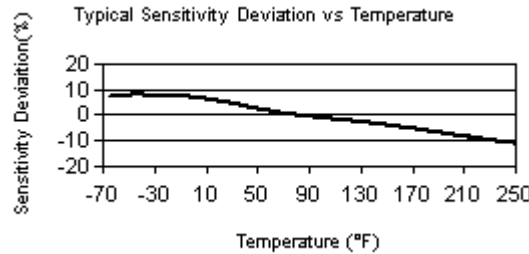
Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.

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:

Model 039A32 One-piece removal tool for model 352A71 (1)
 Model 080A109 Petro Wax (1)
 Model ACS-1 NIST traceable frequency response (10 Hz to upper 5% point). (1)



Entered: AP	Engineer: SDS	Sales: WDC	Approved: JJB	Spec Number:
Date: 1/15/2014	Date: 1/15/2014	Date: 1/15/2014	Date: 1/15/2014	36418

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.
 ICP® is a registered trademark of PCB Group, Inc.