
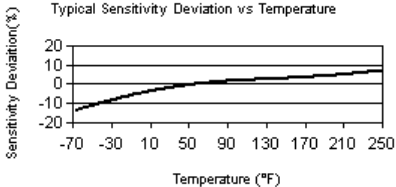



Model Number 393A03	ACCELEROMETER, ICP[®], SEISMIC		Revision H ECN #: 29751										
Performance Sensitivity (±5 %) 1000 mV/g Measurement Range ±5 g pk Frequency Range (±5 %) 0.5 to 2000 Hz Frequency Range (±10 %) 0.3 to 4000 Hz Frequency Range (±3 dB) 0.2 to 6000 Hz Resonant Frequency ≥10 kHz Broadband Resolution (1 to 10000 Hz) 0.00001 g rms Non-Linearity ≤1 % Transverse Sensitivity ≤7 %	ENGLISH 1000 mV/g ±5 g pk 0.5 to 2000 Hz 0.3 to 4000 Hz 0.2 to 6000 Hz ≥10 kHz 0.00001 g rms ≤1 % ≤7 %	SI 102 mV/(m/s ²) ±49 m/s ² pk 0.5 to 2000 Hz 0.3 to 4000 Hz 0.2 to 6000 Hz ≥10 kHz 0.0001 m/s ² rms ≤1 % ≤7 %	Optional Versions (Optional versions have identical specifications and accessories as listed for standard model except where noted below. More than one option maybe used.) T - TEDS Capable of Digital Memory and Communication Compliant with IEEE P1451.4 Output Bias Voltage 8.5 to 12.5 VDC 8.5 to 12.5 VDC Notes [1] Typical. [2] Zero-based, least-squares, straight line method. [3] See PCB Declaration of Conformance PS023 for details.										
Environmental Overload Limit (Shock) ±5000 g pk Temperature Range -65 to +250 °F Base Strain Sensitivity ≤0.0005 g/µε	±5000 g pk -65 to +250 °F ≤0.0005 g/µε	±49050 m/s ² pk -54 to +121 °C ≤0.0005 (m/s ²)/µε	Supplied Accessories 081B20 Mounting Stud, with shoulder (1/4-28 to 1/4-28) (1) 085A31 Protective Thermal Jacket (1) ACS-1 NIST traceable frequency response (10 Hz to upper 5% point). (1) ACS-4 Single axis, low frequency phase and amplitude response cal from 0.5 to 10 Hz (1) M081B20 Mounting Stud 1/4-28 to M6 X 0.75 (1)										
Electrical Excitation Voltage 18 to 30 VDC Constant Current Excitation 2 to 20 mA Output Impedance <250 Ohm Output Bias Voltage 8 to 12 VDC Discharge Time Constant 1 to 3 sec Settling Time <15 sec Spectral Noise (1 Hz) 2 µg/√Hz Spectral Noise (10 Hz) 0.5 µg/√Hz Spectral Noise (100 Hz) 0.2 µg/√Hz Spectral Noise (1 kHz) 0.1 µg/√Hz Electrical Isolation (Case) ≥10 ⁸ Ohm	18 to 30 VDC 2 to 20 mA <250 Ohm 8 to 12 VDC 1 to 3 sec <15 sec 2 µg/√Hz 0.5 µg/√Hz 0.2 µg/√Hz 0.1 µg/√Hz ≥10 ⁸ Ohm	18 to 30 VDC 2 to 20 mA <250 Ohm 8 to 12 VDC 1 to 3 sec <15 sec 20 (µm/sec ²)/√Hz 5 (µm/sec ²)/√Hz 2 (µm/sec ²)/√Hz 1 (µm/sec ²)/√Hz ≥10 ⁸ Ohm											
Physical Sensing Element Ceramic Sensing Geometry Shear Housing Material Stainless Steel Sealing Hermetic Size (Hex x Height) 1 3/16 in x 2 3/16 in Weight 7.4 oz Electrical Connector 2-Pin MIL-C-5015 Electrical Connection Position Top Mounting Thread 1/4-28 Female Mounting Torque 2 to 5 ft-lb	Ceramic Shear Stainless Steel Hermetic 1 3/16 in x 2 3/16 in 7.4 oz 2-Pin MIL-C-5015 Top 1/4-28 Female 2 to 5 ft-lb	Ceramic Shear Stainless Steel Hermetic 30.2 mm x 55.6 mm 210 gm 2-Pin MIL-C-5015 Top 1/4-28 Female 3 to 7 Nm											
	<p style="text-align: center;">Typical Sensitivity Deviation vs Temperature</p> 		<table border="1" data-bbox="1129 1149 2011 1224"> <tr> <td>Entered: LLH</td> <td>Engineer: GH</td> <td>Sales: WDC</td> <td>Approved: LLH</td> <td>Spec Number:</td> </tr> <tr> <td>Date: 12/02/2008</td> <td>Date: 11/24/2008</td> <td>Date: 11/24/2008</td> <td>Date: 12/02/2008</td> <td>393-1030-80</td> </tr> </table>  <p data-bbox="1570 1253 1801 1419"> 3425 Walden Avenue Depew, NY 14043 UNITED STATES Phone: 800-828-8840 Fax: 716-684-0987 E-mail: info@pcb.com Web site: www.pcb.com </p>	Entered: LLH	Engineer: GH	Sales: WDC	Approved: LLH	Spec Number:	Date: 12/02/2008	Date: 11/24/2008	Date: 11/24/2008	Date: 12/02/2008	393-1030-80
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<p><i>All specifications are at room temperature unless otherwise specified.</i> In the interest of constant product improvement, we reserve the right to change specifications without notice.</p>													

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