
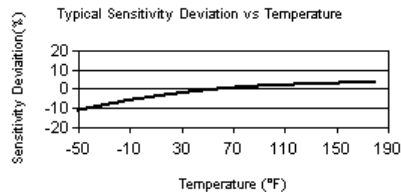


Model Number 393B12	ACCELEROMETER, ICP[®], SEISMIC		Revision NR ECN #:										
Performance Sensitivity (±10 %) Measurement Range Frequency Range (±5 %) Frequency Range (±10 %) Frequency Range (±3 dB) Resonant Frequency Phase Response (±5 °) Broadband Resolution (1 to 10000 Hz) Non-Linearity Transverse Sensitivity	ENGLISH 10000 mV/g 0.5 g pk 0.15 to 1000 Hz 0.10 to 2000 Hz 0.05 to 4000 Hz ≥10 kHz 1 to 1000 Hz 0.000008 g rms ≤1 % ≤7.0 %	SI 1019.4 mV/(m/s ²) 4.9 m/s ² pk 0.15 to 1000 Hz 0.10 to 2000 Hz 0.05 to 4000 Hz ≥10 kHz 1 to 1000 Hz 0.00008 m/s ² rms ≤1 % ≤7.0 %	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] See PCB Declaration of Conformance PS023 for details. 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)										
Environmental Overload Limit (Shock) Temperature Range Base Strain Sensitivity	±5000 g pk -50 to +180 °F ≤0.0005 g/με	±49050 m/s ² pk -45 to +82 °C ≤0.005 (m/s ²)/με											
Electrical Excitation Voltage Constant Current Excitation Output Impedance Output Bias Voltage Discharge Time Constant Settling Time Spectral Noise (1 Hz) Spectral Noise (10 Hz) Spectral Noise (100 Hz) Spectral Noise (1 kHz) Electrical Isolation (Case)	18 to 30 VDC 2 to 20 mA <1500 Ohm 8 to 12 VDC ≥3.5 sec <60 sec 1.30 μg/√Hz 0.32 μg/√Hz 0.13 μg/√Hz 0.10 μg/√Hz ≥10 ⁸ Ohm	18 to 30 VDC 2 to 20 mA <1500 Ohm 8 to 12 VDC ≥3.5 sec <60 sec 12.7 (μm/sec ²)/√Hz 3.1 (μm/sec ²)/√Hz 1.3 (μm/sec ²)/√Hz 1.0 (μm/sec ²)/√Hz ≥10 ⁸ Ohm											
Physical Sensing Element Sensing Geometry Housing Material Sealing Size (Hex x Height) Weight Electrical Connector Electrical Connection Position Mounting Thread Mounting Torque	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 2.7 to 6.8 Nm											
			<table border="1" data-bbox="1129 1174 2011 1222"> <tr> <td>Entered:</td> <td>Engineer:</td> <td>Sales:</td> <td>Approved:</td> <td>Spec Number:</td> </tr> <tr> <td>Date:</td> <td>Date:</td> <td>Date:</td> <td>Date:</td> <td>393-2120-80</td> </tr> </table> <div data-bbox="1136 1247 1524 1320">  </div> <div data-bbox="1570 1252 1801 1422"> 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 </div>	Entered:	Engineer:	Sales:	Approved:	Spec Number:	Date:	Date:	Date:	Date:	393-2120-80
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Date:	Date:	Date:	Date:	393-2120-80									
<p>This specification requires customer approval prior to any changes.</p>													



All specifications are at room temperature unless otherwise specified.

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