
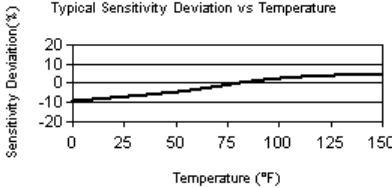



Model Number 626A04	SEISMIC INDUSTRIAL ICP® ACCELEROMETER		Revision C ECN #: 28854										
Performance Sensitivity (±5 %) Measurement Range Frequency Range (±5 %) Frequency Range (±10 %) Frequency Range (±3 dB) Resonant Frequency Broadband Resolution (1 to 10000 Hz) Non-Linearity Transverse Sensitivity	ENGLISH 10 V/g ±0.5 g 6 to 12000 cpm 4 to 18000 cpm 2 to 30000 cpm 60 kcpm 0.5 µg ±1 % ≤5 %	SI 1.02 V/(m/s ²) ±4.9 m/s ² 0.1 to 200 Hz 0.07 to 300 Hz 0.04 to 500 Hz 1 kHz 5.0 µm/sec ² ±1 % ≤5 %	Optional Versions (Optional versions have identical specifications and accessories as listed for standard model except where noted below. More than one option maybe used.) M - Metric Mount Supplied Accessory: Model M081A61 Mounting stud, 1/4-28 to M6 x 1 replaces Model 081A40 Notes [1] Typical value. [2] Conversion Factor 1g = 9.81 m/s ² . [3] 1Hz = 60 cpm (cycles per minute). [4] The high frequency tolerance is accurate within ±10% of the specified frequency. [5] Zero-based, least-squares, straight line method. [6] 1/4-28 has no equivalent in S.I. units. [7] See PCB Declaration of Conformance PS023 for details.										
Environmental Overload Limit (Shock) Temperature Range	±40 g 0 to +150 °F	±392 m/s ² -18 to +65 °C											
Electrical Excitation Voltage Constant Current Excitation Output Impedance Output Bias Voltage Discharge Time Constant Settling Time (within 1% of bias) Spectral Noise (1 Hz) Spectral Noise (10 Hz) Spectral Noise (100 Hz) Electrical Isolation Electrical Protection	24 to 28 VDC 2 to 10 mA <500 Ohm 8 to 12 VDC ≥5 sec ≤5 min 0.06 µg/√Hz 0.02 µg/√Hz 0.01 µg/√Hz >10 ⁸ Ohm RFI/ESD	24 to 28 VDC 2 to 10 mA <500 Ohm 8 to 12 VDC ≥5 sec ≤5 min 0.60 (µm/sec ²)/√Hz 0.20 (µm/sec ²)/√Hz 0.10 (µm/sec ²)/√Hz >10 ⁸ Ohm RFI/ESD	Supplied Accessories 081A40 Mounting Stud (1) ICS-1 NIST-traceable single-axis amplitude response calibration from 600 cpm (10 Hz) to upper 5% frequency ()										
Physical Sensing Element Sensing Geometry Housing Material Sealing Size (Diameter x Height) Weight Electrical Connector Electrical Connection Position Mounting Thread Mounting Torque	Ceramic Flexural Stainless Steel Welded Hermetic 2-1/4 in x 2.8 in 22 oz 2-Pin MIL-C-5015 Top 1/4-28 Female 2 to 5 ft-lb	Ceramic Flexural Stainless Steel Welded Hermetic 57.2 mm x 53.3 mm 624 gm 2-Pin MIL-C-5015 Top No Metric Equivalent 2.7 to 6.8 Nm											
 [7]	<p style="text-align: center;">Typical Sensitivity Deviation vs Temperature</p> 		<table border="1" data-bbox="1129 1149 2011 1226"> <tr> <td>Entered: LLH</td> <td>Engineer: JEC</td> <td>Sales: NJF</td> <td>Approved: LLH</td> <td>Spec Number:</td> </tr> <tr> <td>Date: 05/29/2008</td> <td>Date: 05/30/2008</td> <td>Date: 05/30/2008</td> <td>Date: 06/02/2008</td> <td>8289</td> </tr> </table>  <p data-bbox="1570 1250 1879 1421"> 3425 Walden Avenue Depew, NY 14043 UNITED STATES Phone: 716-684-0003 Fax: 716-684-3823 E-mail: imi@pcb.com Web site: www.imi-sensors.com </p>	Entered: LLH	Engineer: JEC	Sales: NJF	Approved: LLH	Spec Number:	Date: 05/29/2008	Date: 05/30/2008	Date: 05/30/2008	Date: 06/02/2008	8289
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<p><i>All specifications are at room temperature unless otherwise specified.</i></p> <p>In the interest of constant product improvement, we reserve the right to change specifications without notice.</p> <p>ICP® is a registered trademark of PCB group, Inc.</p>													

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