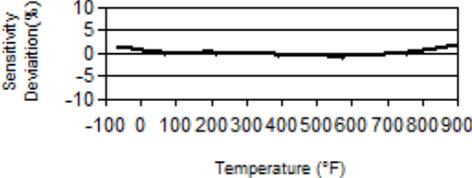


Model Number <b>EX600B13</b>	<b>VERY HIGH TEMPERATURE INDUSTRIAL ICP® ACCELEROMETER</b>			Revision: D ECN #: 46623										
<b>Performance</b> Sensitivity(± 5 %) Measurement Range(Peak) Frequency Range(± 5 %) Frequency Range(± 10 %) Resonant Frequency Broadband Resolution(1 to 10,000 Hz) Non-Linearity Transverse Sensitivity	<b>ENGLISH</b> 100.0 mV/g ± 50 g 282 to 210,000 cpm 204 to 300,000 cpm 1200 kcpm 450 µg ± 1 % <5 %	<b>SI</b> 10.2 mV/(m/s <sup>2</sup> ) ± 490 m/s <sup>2</sup> 4.7 to 3500 Hz 3.4 to 5000 Hz 20 kHz 4415 µm/sec <sup>2</sup> ± 1 % <5 %	[2] [3][4] [1] [1][2] [5]	<b>OPTIONAL VERSIONS</b> Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.										
<b>Environmental</b> Overload Limit(Shock) Temperature Range(Accelerometer) Temperature Range(Charge Amplifier) Temperature Response Base Strain Sensitivity	1000 g pk -65 to +900 °F -60 to +250 °F See Graph ≤ 0.006 g/µε	9810 m/s <sup>2</sup> pk -54 to +482 °C -51 to +121 °C See Graph ≤ 0.06 (m/s <sup>2</sup> )/µε	[2] [1] [2]	<b>NOTES:</b> [1] Typical value. [2] Conversion Factor 1g = 9.81 m/s <sup>2</sup> . [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] See PCB Declaration of Conformance PS116 for details.										
<b>Electrical</b> Settling Time(at 70 °F within 1% of bias) Discharge Time Constant Excitation Voltage Constant Current Excitation Output Impedance Output Bias Voltage Spectral Noise(10 Hz) Spectral Noise(100 Hz) Spectral Noise(1 kHz) Electrical Isolation	≤ 1.0 sec ≥ .10 sec 22 to 28 VDC 2.2 to 20 mA <1000 Ohm 12 to 16 VDC 30 µg/√Hz 8 µg/√Hz 4 µg/√Hz >10 <sup>8</sup> Ohm	≤ 1.0 sec ≥ .10 sec 22 to 28 VDC 2.2 to 20 mA <1000 Ohm 12 to 16 VDC 294 (µm/sec <sup>2</sup> )/√Hz 78 (µm/sec <sup>2</sup> )/√Hz 39 (µm/sec <sup>2</sup> )/√Hz >10 <sup>8</sup> Ohm	[1] [1][2] [1][2] [1][2]	<b>SUPPLIED ACCESSORIES:</b> Model 081A99 Cap Screw (3) Model ICS-1 NIST-traceable single-axis amplitude response calibration from 600 cpm (10 Hz) to upper 5% frequency (1)										
<b>Physical</b> Size (Diameter x Height) Weight(with cable) Mounting Sensing Element Sensing Geometry Housing Material Sealing Electrical Connector Electrical Connection Position Cable Length Cable Type	1.5 in x 0.75 in 10.5 oz Through Holes (3) UHT-12™ Shear Inconel Welded Hermetic 2-Pin MIL-C-5015 Side 10 ft Integral Hardline	38.1 mm x 19.1 mm 300 gm Through Holes (3) UHT-12™ Shear Inconel Welded Hermetic 2-Pin MIL-C-5015 Side 3 m Integral Hardline		<table border="1"> <tr> <td>Entered: LK</td> <td>Engineer: GJR</td> <td>Sales: JC</td> <td>Approved: BAM</td> <td>Spec Number:</td> </tr> <tr> <td>Date: 3/30/2017</td> <td>Date: 3/30/2017</td> <td>Date: 3/30/2017</td> <td>Date: 3/30/2017</td> <td><b>44818</b></td> </tr> </table>	Entered: LK	Engineer: GJR	Sales: JC	Approved: BAM	Spec Number:	Date: 3/30/2017	Date: 3/30/2017	Date: 3/30/2017	Date: 3/30/2017	<b>44818</b>
Entered: LK	Engineer: GJR	Sales: JC	Approved: BAM	Spec Number:										
Date: 3/30/2017	Date: 3/30/2017	Date: 3/30/2017	Date: 3/30/2017	<b>44818</b>										
 [6]    <p>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.</p>	<p style="text-align: center;"><b>Typical Sensitivity Deviation vs Temperature</b></p> 			 <p><b>IMI SENSORS</b>          A PCB PIEZOTRONICS DIV.          3425 Walden Avenue, Depew, NY 14043</p> <p><b>Phone: 800-959-4464</b>  <b>Fax: 716-684-3823</b>  <b>E-Mail: imi@pcb.com</b></p>										