



Model Number 3713E1110G	TRIAxIAL DC RESPONSE ACCELEROMETER			Revision: B ECN #: 44033										
Performance Sensitivity(± 3 %) Measurement Range Frequency Range(± 3 dB) Frequency Range(± 3 dB) Phase Response(100 Hz) Broadband Resolution(0.5 to 100 Hz) Non-Linearity Transverse Sensitivity	<u>ENGLISH</u> 200 mV/g ± 10 g pk 0 to 1000 Hz 0 to 500 Hz <10 ° .2 mg rms ≤ 1 % ≤ 5 %	<u>SI</u> 20.4 mV/(m/s ²) ± 98.1 m/s ² pk 0 to 1000 Hz 0 to 500 Hz <10 ° .002 m/s ² rms ≤ 1 % ≤ 5 %	 [5] [2] [6] [2] [7][4]	<p style="text-align: center;">OPTIONAL VERSIONS</p> <p>Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.</p>										
Environmental Overload Limit(Shock) Temperature Range(Operating) Temperature Range(Storage) Temperature Coefficient of Sensitivity Zero g Offset Temperature Coefficient Base Strain Sensitivity(Measured at 250 µε) Magnetic Sensitivity	± 5000 g pk -65 to +250 °F -65 to +250 °F ± 3 % ± 2 % FSO .001 g/µε 100 µg/gauss	± 49,050 m/s ² pk -54.0 to +121 °C -54.0 to +121 °C ± 3 % ± 2 % FSO .01 (m/s ²)/µε 9.8 (m/s ²)/Tesla	 [3] [3][4] [2] [2]	<p>NOTES:</p> <p>[1]Offset tolerance is based on 10 ft of 037 test cable. [2]Typical. [3]-65 to +250 °F, ref. 75 °F (-54 to +121 °C, ref. 24 °C) [4]FSO = Full Scale Output over the Measurement Range (4VDC). [5]Measured at 100 Hz. [6]Minimum, verified with Calibration data. [7]Least-squares, straight line method, % FSO. [8]See PCB Declaration of Conformance PS027 for details.</p>										
Electrical Excitation Voltage Current Consumption Output Impedance Offset Voltage(0 g) Spectral Noise(1 to 100 Hz) Electrical Isolation(Case)	6 to 30 VDC ≤ 30 mA ≤ 120 Ohm ± 80 mVDC 30 µg/√Hz >10 ⁸ Ohm	6 to 30 VDC ≤ 30 mA ≤ 120 Ohm ± 80 mVDC 294 (µm/sec ²)/√Hz >10 ⁸ Ohm	 [1] [2]	<p>SUPPLIED ACCESSORIES:</p> <p>Model 080A12 Adhesive Mounting Base (1) Model 081B05 Mounting Stud (10-32 to 10-32) (1) Model ACS-145T Triaxial Calibration Phase and Magnitude from 2 Hz to ±3dB using Linear scale (1) Model M081B05 Mounting Stud 10-32 to M6 X 0.75 (1)</p>										
Physical Housing Material Sealing Size (Length x Width x Height) Weight Electrical Connector Electrical Connection Position Mounting Thread	Titanium Hermetic 0.85 in x 0.85 in x 0.85 in 0.8 oz 9-Pin Side 10-32 Female	Titanium Hermetic 21.6 mm x 21.6 mm x 21.6 mm 22.7 gm 9-Pin Side 10-32 Female		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Entered: AP</td> <td style="width: 15%;">Engineer: JJD</td> <td style="width: 15%;">Sales: RWM</td> <td style="width: 15%;">Approved: NJF</td> <td style="width: 40%;">Spec Number:</td> </tr> <tr> <td>Date: 3/27/2015</td> <td>Date: 3/27/2015</td> <td>Date: 3/27/2015</td> <td>Date: 3/27/2015</td> <td style="text-align: center;">58432</td> </tr> </table>	Entered: AP	Engineer: JJD	Sales: RWM	Approved: NJF	Spec Number:	Date: 3/27/2015	Date: 3/27/2015	Date: 3/27/2015	Date: 3/27/2015	58432
Entered: AP	Engineer: JJD	Sales: RWM	Approved: NJF	Spec Number:										
Date: 3/27/2015	Date: 3/27/2015	Date: 3/27/2015	Date: 3/27/2015	58432										
 [8] 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.				 3425 Walden Avenue, Depew, NY 14043 Phone: 716-684-0001 Fax: 716-684-0987 E-Mail: info@pcb.com										