



Model Number <b>3713E1125G</b>	<b>TRIAxIAL DC RESPONSE ACCELEROMETER</b>			Revision: B ECN #: 44033										
<b>Performance</b> Sensitivity(± 3 %) [5] Measurement Range [5] Frequency Range(± 3 dB) [2] Frequency Range(± 3 dB) [6] Phase Response(100 Hz) Broadband Resolution(0.5 to 100 Hz) [2] Non-Linearity [7][4] Transverse Sensitivity	<u>ENGLISH</u> 80 mV/g ± 25 g pk 0 to 1500 Hz 0 to 750 Hz <10 ° .3 mg rms ≤ 1 % ≤ 5 %	<u>SI</u> 8.15 mV/(m/s <sup>2</sup> ) ± 245.2 m/s <sup>2</sup> pk 0 to 1500 Hz 0 to 750 Hz <10 ° .003 m/s <sup>2</sup> rms ≤ 1 % ≤ 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(Operating) Temperature Range(Storage) Temperature Coefficient of Sensitivity [3] Zero g Offset Temperature Coefficient [3][4] Base Strain Sensitivity(Measured at 250 µε) [2] Magnetic Sensitivity [2]	± 5000 g pk -65 to +250 °F -65 to +250 °F ± 3 % ± 2 % FSO .001 g/µε 100 µg/gauss	± 49,050 m/s <sup>2</sup> pk -54.0 to +121 °C -54.0 to +121 °C ± 3 % ± 2 % FSO .01 (m/s <sup>2</sup> )/µε 9.8 (m/s <sup>2</sup> )/Tesla	<b>NOTES:</b> [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.											
<b>Electrical</b> Excitation Voltage Current Consumption Output Impedance Offset Voltage(0 g) [1] Spectral Noise(1 to 100 Hz) [2] Electrical Isolation(Case)	6 to 30 VDC ≤ 30 mA ≤ 120 Ohm ± 80 mVDC 100 µg/√Hz >10 <sup>8</sup> Ohm	6 to 30 VDC ≤ 30 mA ≤ 120 Ohm ± 80 mVDC 981 (µm/sec <sup>2</sup> )/√Hz >10 <sup>8</sup> Ohm	<b>SUPPLIED ACCESSORIES:</b> 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)											
<b>Physical</b> 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"> <tr> <td>Entered: AP</td> <td>Engineer: JJD</td> <td>Sales: RWM</td> <td>Approved: NJF</td> <td>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><b>58433</b></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	<b>58433</b>
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Date: 3/27/2015	Date: 3/27/2015	Date: 3/27/2015	Date: 3/27/2015	<b>58433</b>										
 [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 <b>Phone: 716-684-0001</b> <b>Fax: 716-684-0987</b> <b>E-Mail: info@pcb.com</b>											