

Model Number 3713B1210G	TRIAXIAL DC RESPONSE ACCELEROMETER			Revision: C ECN #: 39611										
Performance Sensitivity(± 5 %) Measurement Range Frequency Range(± 5 %) Frequency Range(± 10 %) Resonant Frequency Phase Response(100 Hz) Broadband Resolution(0.5 to 100 Hz) Non-Linearity Transverse Sensitivity	ENGLISH 200 mV/g ± 10 g pk 0 to 1000 Hz 0 to 1500 Hz ≥ 2 kHz <10 ° 1.2 mg rms ≤ 1 % ≤ 3 %	SI 20.4 mV/(m/s ²) ± 98.1 m/s ² pk 0 to 1000 Hz 0 to 1500 Hz ≥ 2 kHz <10 ° .012 m/s ² rms ≤ 1 % ≤ 3 %	[5] [2] [6]	OPTIONAL VERSIONS Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.										
Environmental Overload Limit(Shock) Temperature Range(Operating) Temperature Range(Storage) Temperature Coefficient of Sensitivity Zero g Offset Temperature Coefficient Base Strain Sensitivity Magnetic Sensitivity	± 3000 g pk -65 to +250 °F -65 to +250 °F ± 3 % ± 2 %FSO .0001 g/με 10.5 μg/gauss	± 29,420 m/s ² pk -54.0 to +121 °C -54.0 to +121 °C ± 3 % ± 2 %FSO .0001 (m/s ²)/με 1.03 (m/s ²)/Tesla	[3] [3][4] [2] [2]	NOTES: [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, 1 grms. [6] Zero-based, least-squares, straight line method. [7] See PCB Declaration of Conformance PS027 for details.										
Electrical Excitation Voltage Current Consumption Output Impedance Offset Voltage(0 g) Spectral Noise(1 to 100 Hz) Electrical Isolation(Case)	6 to 30 VDC ≤ 6 mA ≤ 100 Ohm ± 40 mVDC 107.9 μg/√Hz >10 ⁸ Ohm	6 to 30 VDC ≤ 6 mA ≤ 100 Ohm ± 40 mVDC 1058 (μm/sec ²)/√Hz >10 ⁸ Ohm	[1] [2]	SUPPLIED ACCESSORIES: Model 080A12 Adhesive Mounting Base (1) Model 081B05 Mounting Stud (10-32 to 10-32) (1) Model ACS-85T Triaxial Phase and Magnitude Calibration form 0.5 Hz to 5% pt on linear scale (1) Model M081B05 Mounting Stud 10-32 to M6 X 0.75 (1)										
Physical Housing Material Sealing Size (Length x Width x Height) Weight(with cable) Electrical Connector Electrical Connection Position Cable Type Cable Length	Titanium Hermetic 0.8 in x 0.8 in x 0.8 in 4.2 oz Integral Cable Side 037 10-cond Shielded 10 ft	Titanium Hermetic 20.3 mm x 20.3 mm x 20.3 mm 119 gm Integral Cable Side 037 10-cond Shielded 3.05 m		<table border="1"> <tr> <td>Entered: AP</td><td>Engineer: RPF</td><td>Sales: RWM</td><td>Approved: BAM</td><td>Spec Number:</td></tr> <tr> <td>Date: 7/31/2012</td><td>Date: 7/31/2012</td><td>Date: 7/31/2012</td><td>Date: 7/31/2012</td><td>45423</td></tr> </table>	Entered: AP	Engineer: RPF	Sales: RWM	Approved: BAM	Spec Number:	Date: 7/31/2012	Date: 7/31/2012	Date: 7/31/2012	Date: 7/31/2012	45423
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[7] 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.				Phone: 716-684-0001 Fax: 716-684-0987 E-Mail: info@pcb.com										