
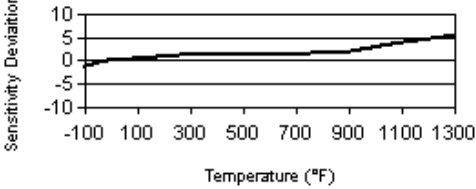




Model Number EX611A20	CHARGE OUTPUT ACCELEROMETER		Revision: A ECN #: 41807										
Performance Sensitivity(± 5 %) Measurement Range Frequency Range(± 5 %) Frequency Range(+10 %) Resonant Frequency Non-Linearity Transverse Sensitivity	ENGLISH 10 pC/g ± 200 g pk 2800 Hz 3700 Hz >17 kHz ≤ 1 % ≤ 5 %	SI 1.02 pC/(m/s ²) ± 1962 m/s ² pk 2800 Hz 3700 Hz >17 kHz ≤ 1 % ≤ 5 %	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 Temperature Range Temperature Range Temperature Response Temperature Response Temperature Response Base Strain Sensitivity Radiation Exposure Limit(Integrated Neutron Flux) Radiation Exposure Limit(Integrated Gamma Flux) Hazardous Area Approval Hazardous Area Approval	± 5000 g pk -65 to +900 °F -65 to +1200 °F -165 to +1300 °F See Graph See Graph See Graph 0.005 g/με 1 E10 N/cm ² 1 E8 rad Ex ia IIC T6 . . . T 710°C Ga IECEX Ex ia IIC T6 . . . T 710°C Ga	± 49,050 m/s ² pk -54 to +482 °C -54 to +650 °C -109 to +704 °C See Graph See Graph See Graph 0.05 (m/s ²)/με 1 E10 N/cm ² 1 E8 rad Ex ia IIC T6 . . . T 710°C Ga IECEX Ex ia IIC T6 . . . T 710°C Ga	NOTES: [1] Typical. [2] Continuous [3] Extreme [4] Low frequency response is determined by external signal conditioning electronics. [5] Zero-based, least-squares, straight line method. [6] Transverse sensitivity is typically ≤ 3%. [7] See PCB Declaration of Conformance PS122 for details.										
Electrical Capacitance(Pin to Pin) Capacitance(Pin to Case) Insulation Resistance(Pin to Case 70° F) Insulation Resistance(Pin to Pin 70° F) Insulation Resistance(Pin to Pin 900° F) Insulation Resistance(Pin to Pin 1200° F) Output Polarity Physical Sensing Element Sensing Geometry Housing Material Sealing Size (Height x Length x Width) Weight(without cable) Electrical Connector Electrical Connection Position Cable Length Cable Type Mounting	320 pF 360 pF >10 ⁹ Ohm >10 ⁹ Ohm >100 kohm >20 kohm Differential Single Crystal Shear Inconel Hermetic .787 in x 1.465 in x 1.456 in 6.3 oz LEMO PCA.0S.302.CLLC42 Side 10 ft MI Hardline Cable Through Hole	320 pF 360 pF >10 ⁹ Ohm >10 ⁹ Ohm >100 kohm >20 kohm Differential Single Crystal Shear Inconel Hermetic 20 mm x 37 mm x 37 mm 180 gm LEMO PCA.0S.302.CLLC42 Side 3 m MI Hardline Cable Through Hole											
	<p style="text-align: center;">Typical Sensitivity Deviation vs Temperature</p> 		SUPPLIED ACCESSORIES: Model 081A115 M6 x 1 x 25 mm long (1) Model ICS-1 NIST-traceable single-axis amplitude response calibration from 600 cpm (10 Hz) to upper 5% frequency										
	<p><i>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.</i></p> ICP® is a registered trademark of PCB Group, Inc.		<table border="1"> <tr> <td>Entered: AP</td> <td>Engineer: JJD</td> <td>Sales: EGY</td> <td>Approved: NJF</td> <td>Spec Number:</td> </tr> <tr> <td>Date: 9/12/2013</td> <td>Date: 9/12/2013</td> <td>Date: 9/12/2013</td> <td>Date: 9/12/2013</td> <td style="text-align: center;">50208</td> </tr> </table> <p style="text-align: center;">  3425 Walden Avenue, Depew, NY 14043 </p> <p style="text-align: right;"> Phone: 716-684-0001 Fax: 716-684-0987 E-Mail: info@pcb.com </p>	Entered: AP	Engineer: JJD	Sales: EGY	Approved: NJF	Spec Number:	Date: 9/12/2013	Date: 9/12/2013	Date: 9/12/2013	Date: 9/12/2013	50208
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