


Model Number 357D90	CHARGE OUTPUT ACCELEROMETER		Revision: A ECN #: 40470										
Performance Sensitivity(± 10 %) Measurement Range Frequency Range(± 5 %) Frequency Range(± 1 dB) Resonant Frequency Non-Linearity(per full scale range) Transverse Sensitivity	<u>ENGLISH</u> 5 pC/g ± 1000 g pk 2.5 kHz 4 kHz ≥ 14 kHz ≤ 2.5 % ≤ 5 %	<u>SI</u> .51 pC/(m/s ²) ± 9800 m/s ² pk 2.5 kHz 4 kHz ≥ 14 kHz ≤ 2.5 % ≤ 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(Operating) Temperature Range(Survivable Limit) Temperature Range(Cable Termination) Temperature Response	± 2000 g pk -67 to 1200 °F -67 to 1400 °F -67 to 900 °F ± 15 %	± 19,600 m/s ² pk -55 to 649 °C -55 to 760 °C -55 to 482 °C ± 15 %		NOTES: [1] Typical. [2] Additional cable length will add approx. 100pF/ft.									
Electrical Capacitance Insulation Resistance(@ 1200°F[649°C]) Insulation Resistance(@ 70° F [21°C]) Output Polarity	990 pF ≥ 10 kohm ≥ 100 MOhm Negative	990 pF ≥ 10 kohm ≥ 100 MOhm Negative	SUPPLIED ACCESSORIES: Model 081C108 Mounting Screw, 1/4-28x1, Inconel (1) Model ACS-1 NIST traceable frequency response (10 Hz to upper 5% point). (1)										
Electrical Isolation	Signal isolated from case	Signal isolated from case		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">Entered: AP</td> <td style="width: 25%;">Engineer: GJR</td> <td style="width: 25%;">Sales: RWM</td> <td style="width: 25%;">Approved: BAM</td> <td style="width: 20%;">Spec Number:</td> </tr> <tr> <td>Date: 12/13/2012</td> <td>Date: 12/13/2012</td> <td>Date: 12/13/2012</td> <td>Date: 12/13/2012</td> <td style="text-align: center;">50847</td> </tr> </table>	Entered: AP	Engineer: GJR	Sales: RWM	Approved: BAM	Spec Number:	Date: 12/13/2012	Date: 12/13/2012	Date: 12/13/2012	Date: 12/13/2012
Entered: AP	Engineer: GJR	Sales: RWM	Approved: BAM	Spec Number:									
Date: 12/13/2012	Date: 12/13/2012	Date: 12/13/2012	Date: 12/13/2012	50847									
Physical Sensing Geometry Housing Material Sealing(Sensor Housing) Sealing(Connector) Size (Height x Length x Width) Weight(without cable) Electrical Connector Cable Length Cable Type Cable Termination Mounting	Shear Inconel Hermetic Welded Hermetic .66 in x 1.26 in x .66 in 1.8 oz Integral Hardline Cable 10 ft MI Hardline Cable 10-32 Coaxial Jack Through Hole	Shear Inconel Hermetic Welded Hermetic 16.7 mm x 32.0 mm x 16.7 mm 50 gm Integral Hardline Cable 3.05 m MI Hardline Cable 10-32 Coaxial Jack Through Hole											
<p><i>All specifications are at room temperature unless otherwise specified.</i></p> <p><i>In the interest of constant product improvement, we reserve the right to change specifications without notice.</i></p> <p>ICP® is a registered trademark of PCB Group, Inc.</p>				<div style="display: flex; justify-content: space-between; align-items: center;">  <div style="text-align: right;"> <p>Phone: 716-684-0001</p> <p>Fax: 716-684-0987</p> <p>E-Mail: info@pcb.com</p> </div> </div> <p>3425 Walden Avenue, Depew, NY 14043</p>									