


CHARGE OUTPUT FORCE SENSOR

	OPTIONAL VERSIONS										
<p>Performance Sensitivity (\pm 15 %) 4047 pC/kN Measurement Range(Compression) \leq 200.16 kN Measurement Range(Tension) \leq 88.96 kN Maximum Static Force(Compression) 244.64 kN Maximum Static Force(Tension) 111.2 kN Upper Frequency Limit 5 kHz Non-Linearity \leq 1.25 % FS [1] Environmental Temperature Range -100 to +400 °F Temperature Coefficient of Sensitivity \leq 0.03 %/°F</p> <p>Electrical Capacitance \geq 80 pF Insulation Resistance \geq 10¹² ohm Output Polarity(Compression) Negative Output Polarity(Tension) Positive</p> <p>Physical Stiffness 11 lb/in Size (Diameter x Height) 2.05 in x 3.50 in Weight 32 oz Housing Material Stainless Steel Sealing Hermetic Electrical Connector 10-32 Coaxial Jack Electrical Connection Position Side Mating Connector(Required) 10-32 Coaxial Plug Mounting Thread 1 - 12 Female</p> <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> <p>ICP® is a registered trademark of PCB Group, Inc.</p>	<p>J - Ground Isolated</p> <p>M - Metric Mount Mounting Thread M24 x 1.50 Female</p> <p>P - Positive Output Polarity Output Polarity(Compression) Positive</p> <p>W - Water Resistant Cable Electrical Connector Integral Cable Side Electrical Connection Position Integral Cable Side</p>										
<p>NOTES: [1] Zero-based, least-squares, straight line method.</p>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Entered: <u>4/23/11</u></td> <td>Engineer: <u>mtb</u></td> <td>Sales: <u>KWD</u></td> <td>Approved: <u>JF</u></td> <td>Spec Number:</td> </tr> <tr> <td>Date: <u>4/23/11</u></td> <td>Date: <u>4/23/11</u></td> <td>Date: <u>4/23/11</u></td> <td>Date: <u>4/23/11</u></td> <td>1452</td> </tr> </table>		Entered: <u>4/23/11</u>	Engineer: <u>mtb</u>	Sales: <u>KWD</u>	Approved: <u>JF</u>	Spec Number:	Date: <u>4/23/11</u>	Date: <u>4/23/11</u>	Date: <u>4/23/11</u>	Date: <u>4/23/11</u>	1452
Entered: <u>4/23/11</u>	Engineer: <u>mtb</u>	Sales: <u>KWD</u>	Approved: <u>JF</u>	Spec Number:							
Date: <u>4/23/11</u>	Date: <u>4/23/11</u>	Date: <u>4/23/11</u>	Date: <u>4/23/11</u>	1452							
 <p>3425 Walden Avenue, Depew, NY 14043</p> <p>Phone: 716-684-0001 Fax: 716-684-8877 E-Mail: force@pcb.com</p>											