


Model Number 261A12	<b>3-COMPONENT CHARGE OUTPUT FORCE SENSOR</b>			Revision: A ECN #: 33704										
<b>Performance</b> Sensitivity(± 15 %)(x or y axis) Sensitivity(± 15 %)(z axis) Measurement Range(z axis) Measurement Range(x or y axis) Maximum Force(z axis) Maximum Force(x or y axis) Maximum Moment(z axis) Maximum Moment(x or y axis) Upper Frequency Limit Non-Linearity Cross Talk(between x and y axis) Cross Talk(between (x or y axis) and z axis)	<b>ENGLISH</b> 32 pC/lb 15 pC/lb 1000 lb 1000 lb 1320 lb 1000 lb 40 ft-lb 70 ft-lb 10 kHz ≤ 1 % FS ± 3 % ± 5 %	<b>SI</b> 7.19 pC/N 3.37 pC/N 4.45 kN 4.45 kN 5.87 kN 4.45 kN 54.23 N-m 94.91 N-m 10 kHz ≤ 1 % FS ± 3 % ± 5 %	[2] [2] [3]	<p style="text-align: center;"><b>OPTIONAL VERSIONS</b></p> <p>Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.</p> <p><b>M</b> - Metric Mount</p> <p><b>W</b> - Water Resistant Cable</p> <p>Electrical Connection Position</p> <p style="text-align: right;">Side      Side</p>										
<b>Environmental</b> Temperature Range	-100 to +350 °F	-73 to +177 °C		<b>NOTES:</b> [1] Typical. [2] Sensitivities are for listed preload. Sensitivities may vary ±5% depending on preload used. [3] Zero-based, least-squares, straight line method.										
<b>Electrical</b> Capacitance(all channels) Insulation Resistance(all channels) Output Polarity(in direction of markings)	30 pF ≥ 10 <sup>12</sup> ohm Negative	30 pF ≥ 10 <sup>12</sup> ohm Negative	[1]											
<b>Physical</b> Stiffness(z axis)	19 lb/μin	3.3 kN/μm	[1]											
Stiffness(x or y axis)	6 lb/μin	1 kN/μm	[1]											
Weight	34.40 oz	975 gm		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Entered: DMW</td> <td style="width: 20%;">Engineer: MJH</td> <td style="width: 20%;">Sales: KWW</td> <td style="width: 20%;">Approved: EB</td> <td style="width: 20%;">Spec Number:</td> </tr> <tr> <td>Date: 8/17/10</td> <td>Date: 8/17/10</td> <td>Date: 8/17/10</td> <td>Date: 8/17/10</td> <td style="text-align: center;">33975</td> </tr> </table>	Entered: DMW	Engineer: MJH	Sales: KWW	Approved: EB	Spec Number:	Date: 8/17/10	Date: 8/17/10	Date: 8/17/10	Date: 8/17/10	33975
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Housing Material	Stainless Steel	Stainless Steel												
Sealing	Hermetic	Hermetic												
Electrical Connector(Quantity, 3) Electrical Connection Position	10-32 Coaxial Jack Side	10-32 Coaxial Jack Side		<div style="text-align: center;">  <p><b>FORCE / TORQUE DIVISION</b></p> <p>3425 Walden Avenue, Depew, NY 14043</p> </div> <div style="text-align: right;"> <p>Phone: 716-684-0001            Fax: 716-684-8877            E-Mail: force@pcb.com</p> </div>										
<p><i>All specifications are at room temperature unless otherwise specified.</i>  <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>														