


Model Number 261A13	<b>3-COMPONENT CHARGE OUTPUT FORCE SENSOR</b>				Revision: C ECN #: 44711										
<b>Performance</b> Sensitivity(± 15 %)(z axis) Sensitivity(± 15 %)(x or y 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> 15 pC/lb 32 pC/lb 10,000 lb 4000 lb 11,000 lb 4400 lb 240 ft-lb 325 ft-lb 10,000 Hz ≤ 1 % FS ± 3 % ± 5 %	<b>SI</b> 3.37 pC/N 7.19 pC/N 44.48 kN 17.7 kN 48.93 kN 19.57 kN 325.4 Nm 440.7 Nm 10,000 Hz ≤ 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>M - Metric Mount</p> <p>W - Water Resistant Cable</p> <p>Electrical Connection Position <span style="float: right;">Side      Side</span></p> <p><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.</p>											
<b>Environmental</b> Temperature Range	-100 to +350 °F	-73 to +177 °C													
<b>Electrical</b> Capacitance(all channels) Insulation Resistance(all channels) Output Polarity(in direction of markings)	70 pF ≥ 10 <sup>12</sup> Ohm Negative	70 pF ≥ 10 <sup>12</sup> Ohm Negative	[1]												
<b>Physical</b> Stiffness(z axis) Stiffness(x or y axis) Weight Housing Material Sealing Electrical Connector(Quantity, 3) Electrical Connection Position	19.4 lb/μin 5.7 lb/μin 96.25 oz Stainless Steel Hermetic 10-32 Coaxial Jack Side	3.4 kN/μm 1.0 kN/μm 2994 gm Stainless Steel Hermetic 10-32 Coaxial Jack Side	[1] [1]	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Entered: LK</td> <td style="width: 15%;">Engineer: BAM</td> <td style="width: 15%;">Sales: RWM</td> <td style="width: 15%;">Approved: BAM</td> <td style="width: 40%;">Spec Number:</td> </tr> <tr> <td>Date: 10/14/2015</td> <td>Date: 10/14/2015</td> <td>Date: 10/14/2015</td> <td>Date: 10/14/2015</td> <td style="text-align: center;">29018</td> </tr> </table>		Entered: LK	Engineer: BAM	Sales: RWM	Approved: BAM	Spec Number:	Date: 10/14/2015	Date: 10/14/2015	Date: 10/14/2015	Date: 10/14/2015	29018
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<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. ICP® is a registered trademark of PCB Group, Inc.</i></p>				 <p>3425 Walden Avenue, Depew, NY 14043</p> <p>Phone: 716-684-0001 Fax: 716-684-0987 E-Mail: info@pcb.com</p>											