


Model Number 261A13	3-COMPONENT CHARGE OUTPUT FORCE SENSOR			Revision: A ECN #: 33704										
Performance 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)	ENGLISH 15 pC/lb 32 pC/lb 10,000 lb 4000 lb 11,000 lb 4400 lb 240 ft-lb 325 ft-lb 10 kHz ≤ 1 % FS ± 3 % ± 5 %	SI 3.37 pC/N 7.19 pC/N 44.48 kN 17.7 kN 48.93 kN 19.57 kN 325.4 N-m 440.7 N-m 10 kHz ≤ 1 % FS ± 3 % ± 5 %	[2] [2] [3]	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. M - Metric Mount Supplied Accessory : Model M081A71 Mounting Stud (1) W - Water Resistant Cable Electrical Connection Position										
Environmental Temperature Range	-100 to +350 °F	-73 to +177 °C		NOTES: [1] Typical. [2] Sensitivites are for listed preload. Sensitivites may vary ±5% depending on preload used. [3] Zero-based, least-squares, straight line method.										
Electrical Capacitance(all channels) Insulation Resistance(all channels) Output Polarity(in direction of markings)	70 pF ≥ 10 ¹² ohm Negative	70 pF ≥ 10 ¹² ohm Negative	[1]											
Physical														
Stiffness(z axis)	40 lb/μin	7 kN/μm	[1]											
Stiffness(x or y axis)	15 lb/μin	2.6 kN/μm	[1]											
Weight	96.25 oz	2994 gm												
Housing Material	Stainless Steel	Stainless Steel												
Sealing	Hermetic	Hermetic												
Electrical Connector(Quantity, 3)	10-32 Coaxial Jack	10-32 Coaxial Jack												
Electrical Connection Position	Side	Side												
<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>														
ICP® is a registered trademark of PCB Group, Inc.														
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Entered: DMW</td> <td style="width: 15%;">Engineer: MJK</td> <td style="width: 15%;">Sales: KWW</td> <td style="width: 15%;">Approved: EB</td> <td style="width: 40%;">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;">29018</td> </tr> </table>  Phone: 716-684-0001 Fax: 716-684-8877 E-Mail: force@pcb.com 3425 Walden Avenue, Depew, NY 14043					Entered: DMW	Engineer: MJK	Sales: KWW	Approved: EB	Spec Number:	Date: 8/17/10	Date: 8/17/10	Date: 8/17/10	Date: 8/17/10	29018
Entered: DMW	Engineer: MJK	Sales: KWW	Approved: EB	Spec Number:										
Date: 8/17/10	Date: 8/17/10	Date: 8/17/10	Date: 8/17/10	29018										