


Model Number 216B	<h1>CHARGE OUTPUT FORCE SENSOR</h1>			Revision: G ECN #: 41735					
Performance Sensitivity(± 15 %) Measurement Range(Compression) Maximum Static Force(Compression) Upper Frequency Limit Non-Linearity Environmental Temperature Range Temperature Coefficient of Sensitivity Electrical Capacitance Insulation Resistance Physical Preload Stiffness Size (Diameter x Height x Bolt Diameter x Sensing Surface) Size (ID)(Hole Diameter) Size (OD)(Sensor) Weight Housing Material Sealing Electrical Connector Electrical Connection Position	ENGLISH 18 pC/lb ≤ 80,000 lb 90,000 lb 40,000 Hz ≤ 1.25 % FS -100 to +400 °F ≤ 0.03 %/°F 80 pF ≥ 1E12 16,000 lb 74 lb/μin 2.05 in x 0.590 in x 1 in x 1.750 in 1.025 in 2.05 in 5.48 oz Stainless Steel Hermetic 10-32 Coaxial Jack Side	SI 4047 pC/kN ≤ 355.84 kN 400.32 kN 40,000 Hz ≤ 1.25 % FS -73 to +204 °C ≤ 0.054 %/°C 80 pF ≥ 1E12 71.172 kN 13 kN/μm 52.9 mm x 15 mm x 26 mm x 44.5 mm 26.04 mm 52 mm 155 gm Stainless Steel Hermetic 10-32 Coaxial Jack Side	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 080A82 Assembly Lubricant Supplied Accessory : Model 082B06 Anti-Friction Washer Supplied Accessory : Model M081A16 Mounting Stud, M22 x 2.00 x 1.900, BeCu Supplied Accessory : Model M083B06 Pilot Bushing P - Positive Output Polarity W - Water Resistant Cable Electrical Connector Molded Integral Cable Molded Integral Cable 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.				NOTES: [1] Typical. [2] Estimated using rigid body dynamics calculations. [3] Low frequency response and system noise dependent on choice of external signal conditioning electronics. [4] Zero-based, least-squares, straight line method.					
SUPPLIED ACCESSORIES: Model 080A82 Assembly Lubricant Model 081A16 Mounting Stud, 7/8-14 x 1.900, BeCu Model 082B06 Anti-Friction Washer Model 083B06 Pilot bushing (for Models 206C and 216B)				<table border="1"> <tr> <td>Entered: AP</td> <td>Engineer: MJK</td> <td>Sales: KWW</td> <td>Approved: APB</td> <td>Spec Number:</td> </tr> </table>	Entered: AP	Engineer: MJK	Sales: KWW	Approved: APB	Spec Number:
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