

Model Number 202M32	ICP® FORCE		Revision A ECN #: 21644											
Performance Sensitivity Measurement Range (Compression) Useful Overrange (Compression) Maximum Static Force (Compression) Resolution Low Frequency Response (-5 %) Resonant Frequency Non-Linearity Rise Time	ENGLISH 22.2 mV/lb 225 lb 350 lb 3500 lb ≥85 dB 0.005 Hz 65 kHz ≤2 % FS 10 μ sec	SI 4991 mV/kN 1 kN 1.56 kN 15.57 kN ≥85 dB 0.005 Hz 65 kHz ≤2 % FS 10 μ sec	[1] [2]	Optional Versions (Optional versions have identical specifications and accessories as listed for standard model except where noted below. More than one option maybe used.) Notes [1] Calculated from discharge time constant. [2] Zero-based, least-squares, straight line method. Supplied Accessories 080A82 Assembly Lubricant (1) 081A12 Mounting Stud, 5/16-24 x 0.910, BeCu (1) 082B02 Anti-Friction Washer (1) 083B02 Pilot bushing (for Models 202B and 212B) (1)										
Environmental Temperature Range Temperature Coefficient of Sensitivity Maximum Shock Maximum Vibration	-65 to +250 °F ≤0.03 %/°F 5000 g pk 2000 g pk	-54 to +121 °C ≤0.054 %/°C 49050 m/s² pk 19620 m/s² pk												
Electrical Discharge Time Constant (at room temp) Excitation Voltage Full Scale Output Constant Current Excitation Output Impedance Output Bias Voltage Output Polarity (Compression)	≥100 sec +24 to 27 VDC +5 V 2 to 20 mA ≤100 ohm +8 to 14 VDC Positive	≥100 sec +24 to 27 VDC +5 V 2 to 20 mA ≤100 ohm +8 to 14 VDC Positive												
Physical Stiffness Size (Diameter x Height x Bolt Diameter x ID x OD x Sensing Surface) Weight Housing Material Sealing Electrical Connector Electrical Connection Position Mating Connector	29 lb/μin 0.870 in x 0.390 in x 0.375 in x 0.413 in x 0.870 in x 0.665 in 0.71 oz Stainless Steel Hermetic 10-32 Coaxial Jack Side Required	5.08 kN/μm 22.1 mm x 9.91 mm x 9.53 mm x 10.46 mm x 22.10 mm x 16.89 mm 20 gm Stainless Steel Hermetic 10-32 Coaxial Jack Side (Required)												
<p><i>All specifications are at room temperature unless otherwise specified.</i></p> <p>In the interest of constant product improvement, we reserve the right to change specifications without notice.</p> <p>ICP® is a registered trademark of PCB group, Inc.</p>														
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Entered: BLS</td> <td style="width: 20%;">Engineer: DMB</td> <td style="width: 20%;">Sales: JJM</td> <td style="width: 20%;">Approved: MJK</td> <td style="width: 20%;">Spec Number:</td> </tr> <tr> <td>Date: 03/03/2005</td> <td>Date: 03/03/2005</td> <td>Date: 03/04/2005</td> <td>Date: 03/04/2005</td> <td style="text-align: center;">3885</td> </tr> </table>					Entered: BLS	Engineer: DMB	Sales: JJM	Approved: MJK	Spec Number:	Date: 03/03/2005	Date: 03/03/2005	Date: 03/04/2005	Date: 03/04/2005	3885
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