Model Number 208A12	ICP® FORCE SENSOR								Revision: L ECN #: 45224
Performance Sensitivity(± 15 %) Measurement Range(Compression) Measurement Range(Tension)		<u>ENGLISH</u> 50 mV/lb 100 lb 100 lb	<b><u>SI</u></b> 11,240 mV/kN 0.4448 kN 0.4448 kN			l for the standard mode e used.			
Maximum Static Force(Compression) Maximum Static Force(Tension) Broadband Resolution(1 to 10,000 Hz) Low Frequency Response(-5 %)		600 lb 500 lb 0.001 lb-rms 0.001 Hz	2.669 kN 2.224 kN 0.004448 N-rms 0.001 Hz	[1] [2] [3]	N - Negative O Output Polarity(			Negative	Negative
Upper Frequency Limit Non-Linearity		36,000 Hz ≤ 1 % FS	36,000 Hz ≤ 1 % FS	[2] [3] [4]	W - Water Res Electrical Conne		S	ealed Cable	Sealed Cable
Environmental Temperature Range Temperature Coefficient of Sensitivity Electrical Discharge Time Constant(at room temp) Excitation Voltage Constant Current Excitation Output Impedance Output Bias Voltage Output Polarity(Compression) Physical Stiffness Size (Hex x Height) Weight Housing Material Sealing Electrical Connector		-65 to +250 °F ≤ 0.05 %/°F ≥ 500 sec 20 to 30 VDC 2 to 20 mA ≤ 100 Ohm 8 to 14 VDC Positive 6 lb/µin 0.625 in × 1.17 in 0.80 oz Stainless Steel Epoxy 10-32 Coaxial Jack	-54 to +121 °C ≤ 0.09 %/°C ≥ 500 sec 20 to 30 VDC 2 to 20 mA ≤ 100 Ohm 8 to 14 VDC Positive 1.05 kN/µm 15.88 mm x 29.7 mm 22.7 gm Stainless Steel Epoxy 10-32 Coaxial Jack	[1]	NOTES: [1]Typical. [2]Calculated from discharge time constant. [3]Estimated using rigid body dynamics calculations. [4]Zero-based, least-squares, straight line method. [5]See PCB Declaration of Conformance PS023 for details. SUPPLIED ACCESSORIES: Model 080A81 Thread Locker (1) Model 081B05 Mounting Stud (10-32 to 10-32) (1) Model 084A03 Impact Cap (1) Model M081A62 Mounting stud, 10-32 to M6 x 1, BeCu with shoulder (1)				
Electrical Connection Position	n	Axial	Axial		Entered: LK	Engineer: MJK	Sales: KWW	Approved: API	B Spec Number
					Date: 3/29/2016	Date: 3/29/2016	Date: 3/29/2016	Date: 3/29/201	6 <b>11280</b>
All specifications are at room In the interest of constant pro CP® is a registered trademar	duct improvement, we	herwise specified. reserve the right to change spe	cifications without notice.			PIEZOTI		Fax: 71	716-684-0001 6-684-0987 info@pcb.com