

Model Number 132A36		ICP® PRESSURE SENSOR		Revision: K ECN #: 19746	
Performance		ENGLISH		SI	
Measurement Range	50 psi			345 kPa	
Sensitivity (± 30 %)	140 mV/psi			20.3 mV/kPa	
Maximum Pressure (Dynamic)	800 psi			5515 kPa	
Resolution	1 mpsi			0.007 kPa	
Resonant Frequency	≥ 1000 kHz			≥ 1000 kHz	
Rise Time (Incident)	≤ 3 μ sec			≤ 3 μ sec	
Rise Time (Reflected)	≤ 0.5 μ sec			≤ 0.5 μ sec	
Low Frequency Response (-5 %)	11 kHz			11 kHz	
Environmental					
Temperature Range (Operating)	0 to +175 °F			-18 to +79 °C	
Electrical					
Output Polarity (Positive Pressure)	Positive			Positive	
Discharge Time Constant (at room temp)	≥ .000045 sec			≥ .000045 sec	
Excitation Voltage	20 to 30 VDC			20 to 30 VDC	
Constant Current Excitation	2 to 20 mA			2 to 20 mA	
Output Impedance	≤ 100 ohms			≤ 100 ohms	
Output Bias Voltage	8 to 14 VDC			8 to 14 VDC	
Physical					
Sensing Element	Ceramic			Ceramic	
Housing Material	Delrin			Delrin	
Sealing	Epoxy			Epoxy	
Electrical Connector	10-32 Coaxial Jack			10-32 Coaxial Jack	
Weight	0.095 oz			2.7 gm	
<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.</i></p> <p>ICP® is a registered trademark of PCB Group, Inc.</p>					
				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	
				W - Water Resistant Cable	
				NOTES:	
				[1] Rise time in air at Mach 1	
				SUPPLIED ACCESSORIES:	
				Model 061A30 Spanner Wrench, 2 Pin (1)	
ICP® Pressure Sensor Specifications					
Entered:	PLS	Engineer:	RF	Sales:	DPC
Approved:	MEM	Spec Number:			
Date:	4/27/04	Date:	4/27/04	Date:	4/28/04
				Date:	4/28/04
					1911
				PCB PIEZOTRONICS™	
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