


Model Number 132B38	ICP® PRESSURE SENSOR				Revision: NR ECN #: 46921
Performance	ENGLISH	SI			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.
Measurement Range	50 psi	345 kPa			
Sensitivity(± 30 %)	140 mV/psi	20.3 mV/kPa			
Maximum Pressure(Dynamic)	800 psi	5516 kPa			
Resolution	1 mpsi	0.007 kPa	[2]		
Rise Time(Incident)	≤ 3 μ sec	≤ 3 μ sec	[3]		
Rise Time(Reflected)	≤ 1 μ sec	≤ 1 μ sec			
Low Frequency Response(-5 %)	11 kHz	11 kHz			
High Frequency Response	1 MHz	1 MHz	[4][2]		
Environmental					NOTES: [1] Calculated. [2] Typical. [3] Rise time in air at Mach 1 [4] High frequency response may be limited by supply current and output cable length. [5] Typical; with cable.
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	[1]		
Excitation Voltage	20 to 30 VDC	20 to 30 VDC			
Constant Current Excitation	2 to 20 mA	2 to 20 mA			
Output Impedance	≤ 100 Ohm	≤ 100 Ohm			
Output Bias Voltage	8 to 14 VDC	8 to 14 VDC			
Physical					
Sensing Element	Ceramic	Ceramic			
Housing Material	Stainless Steel	Stainless Steel			
Sealing	Epoxy	Epoxy			
Weight	0.45 oz	12.77 gm	[5]		
Cable Termination	10-32 Coaxial Jack	10-32 Coaxial Jack			
Cable Type	030 Coaxial	030 Coaxial			
<p>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. ICP® is a registered trademark of PCB Group, Inc.</p>					
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