

Model Number 132B38		ICP® PRESSURE SENSOR			Revision: B ECN #: 47252											
Performance		ENGLISH	SI	OPTIONAL VERSIONS												
Measurement Range		50 psi	345 kPa	Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.												
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		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. [6] See PCB Declaration of Conformance PS023 for details.											
High Frequency Response		1 MHz	1 MHz	[4][2]												
Environmental																
Temperature Range(Operating)		-13 to +175 °F	-25 to +79 °C													
Electrical																
Output Polarity(Positive Pressure)		Positive	Positive	[1]												
Discharge Time Constant(at room temp)		≥ .000045 sec	≥ .000045 sec		SUPPLIED ACCESSORIES: Model 070B09 Solder adaptor (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		<table><tr><td>Entered: LK</td><td>Engineer: RB</td><td>Sales: RWM</td><td>Approved: BAM</td><td>Spec Number:</td></tr><tr><td>Date: 10/5/2017</td><td>Date: 10/5/2017</td><td>Date: 10/5/2017</td><td>Date: 10/5/2017</td><td>66470</td></tr></table>		Entered: LK	Engineer: RB	Sales: RWM	Approved: BAM	Spec Number:	Date: 10/5/2017	Date: 10/5/2017	Date: 10/5/2017	Date: 10/5/2017	66470
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Housing Material		Stainless Steel	Stainless Steel													
Sealing		Epoxy	Epoxy													
Weight		0.45 oz	12.77 gm	[5]												
Cable Termination		Pigtail	Pigtail													
Cable Type		030 Coaxial	030 Coaxial													
 [6]																
<i>All specifications are at room temperature unless otherwise specified.</i> <i>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.																
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