


Model Number 132A37	<b>ICP® PRESSURE SENSOR</b>			Revision: H ECN #: 44634
<b>Performance</b>	<b>ENGLISH</b>	<b>SI</b>		<b>OPTIONAL VERSIONS</b> 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
Measurement Range	50 psi	345 kPa		
Sensitivity(± 30 %)	140 mV/psi	20.3 mV/kPa		
Maximum Pressure(step)	800 psi	5515 kPa		
Resolution	0.001 psi	0.007 kPa		
Resonant Frequency	≥ 1000 kHz	≥ 1000 kHz		
Rise Time(Incident)	≤ 3 μ sec	≤ 3 μ sec	[1]	
Rise Time(Reflected)	≤ 0.5 μ sec	≤ 0.5 μ sec	[2]	
Low Frequency Response(-5 %)	11,000 Hz	11,000 Hz		
<b>Environmental</b>				<b>NOTES:</b> [1]Rise time in air at Mach 1 [2]Rise time at 20mA
Temperature Range(Operating)	0 to +175 °F	-18 to +79 °C		
<b>Electrical</b>				<b>SUPPLIED ACCESSORIES:</b> Model 160-0238-00 O-RING 2-006 0.1250 0.2500 0.0625 BUNA (3)
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 Ohm	≤ 100 Ohm		
Output Bias Voltage	8 to 14 VDC	8 to 14 VDC		
<b>Physical</b>				Entered: JM    Engineer: MJK    Sales: RWM    Approved: APB    Spec Number:
Sensing Element	Ceramic	Ceramic		Date: 10/6/2015    Date: 10/6/2015    Date: 10/6/2015    Date: 10/6/2015    2970
Housing Material	Stainless Steel	Stainless Steel		
Sealing	Epoxy	Epoxy		
Electrical Connector	pigtail ends	pigtail ends		
Weight	0.056 oz	1.59 gm		
<p><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.</p>				
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