


Model Number 106M131	ICP® PRESSURE SENSOR		Revision: C ECN #: 42143										
Performance	ENGLISH	SI	<p style="text-align: center;">OPTIONAL VERSIONS</p> <p>Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.</p> <p>E - Emralon coating Supplied Accessory : Model 065A47 Seal ring 0.497 OD x 0.437 ID x 0.025 thk Acetal (2)</p> <p>J - Ground Isolated [3][4]</p> <p>W - Water Resistant Cable [5][3] Supplied Accessory : Model 060A12 Clamp nut, 9/16-18-2A thd, 9/16" hex (1)</p> <p>WM - Water Resistant Cable [5][3] Supplied Accessory : Model 060A14 Metric clamp nut, M14 x 1.25-6g thd, 14 mm hex, stainless steel (1)</p>										
Measurement Range Useful Overrange Sensitivity(± 2.5 %) Maximum Pressure(step) Maximum Pressure(static) Resolution Resonant Frequency Rise Time Low Frequency Response(-5 %) Non-Linearity	8.3 psi 10 psi 250 mV/psi 300 psi 2000 psi 0.1 mpsi 60 kHz 5 µ sec 0.5 Hz 1 % FS	57.23 kPa 68.95 kPa 36.25 mV/kPa 2068.5 kPa 13,790 kPa 0.00069 kPa 60 kHz 5 µ sec 0.5 Hz 1 % FS											
Environmental			<p>NOTES:</p> <p>[1] Zero-based, least-squares, straight line method. [2] See PCB Declaration of Conformance PS023 for details. [3] For sensor mounted in thread adaptor, see adaptor installation drawing for supplied accessories. [4] Used with optional mounting adaptor. [5] Clamp nut installed prior to cable attachment</p>										
Acceleration Sensitivity Temperature Range(Operating) Temperature Coefficient of Sensitivity Maximum Flash Temperature Maximum Vibration Maximum Shock	≤ 0.002 psi/g -65 to +250 °F ≤ 0.03 %/°F 3000 °F 1000 g pk 2000 g pk	≤ 0.0014 kPa/(m/s ²) -54 to +121 °C ≤ 0.054 %/°C 1649 °C 9807 m/s ² pk 19,614 m/s ² pk											
Electrical			<p>SUPPLIED ACCESSORIES:</p> <p>Model 060A12 Clamp nut, 9/16-18-2A thd, 9/16" hex (1) Model 060A14 Metric clamp nut, M14 x 1.25-6g thd, 14 mm hex, stainless steel (1) Model 065A37 Seal ring 0.497 OD x 0.437 ID x 0.025 thk Brass (3)</p>										
Discharge Time Constant(at room temp) Excitation Voltage Constant Current Excitation Output Impedance Output Bias Voltage	≥ 1 sec 18 to 28 VDC 2 to 20 mA <100 Ohm 3 to 8 VDC	≥ 1 sec 18 to 28 VDC 2 to 20 mA <100 Ohm 3 to 8 VDC											
Physical			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">Entered: AP</td> <td style="width: 25%;">Engineer: APB</td> <td style="width: 25%;">Sales: RWM</td> <td style="width: 25%;">Approved: APB</td> <td style="width: 20%;">Spec Number:</td> </tr> <tr> <td>Date: 12/27/2013</td> <td>Date: 12/27/2013</td> <td>Date: 12/27/2013</td> <td>Date: 12/27/2013</td> <td style="text-align: center;">3498</td> </tr> </table>	Entered: AP	Engineer: APB	Sales: RWM	Approved: APB	Spec Number:	Date: 12/27/2013	Date: 12/27/2013	Date: 12/27/2013	Date: 12/27/2013	3498
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 Sensing Element Housing Material Diaphragm Sealing Electrical Connector Weight	Quartz 17-4 Stainless Steel 316L Stainless Steel Welded Hermetic 10-32 Coaxial Jack 0.53 oz	Quartz 17-4 Stainless Steel 316L Stainless Steel Welded Hermetic 10-32 Coaxial Jack 15 gm	<p>PCB PIEZOTRONICS™ 3425 Walden Avenue, Depew, NY 14043</p> <p style="text-align: right;">Phone: 716-684-0001 Fax: 716-684-0987 E-Mail: info@pcb.com</p>										
<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.</p> <p>ICP® is a registered trademark of PCB Group, Inc.</p>													