


Model Number <b>103B01</b>	<b>ACOUSTIC ICP® PRESSURE SENSOR</b>		Revision: C ECN #: 40794										
<b>Performance</b> Measurement Range Useful Overrange Sensitivity(± 15 %) Maximum Pressure Resolution Resonant Frequency Rise Time Low Frequency Response(-5 %) Non-Linearity	<b>ENGLISH</b> 3.00 psi 6.00 psi 1500 mV/psi 250 psi 0.02 mpsi ≥ 13 kHz ≤ 25 µ sec 5 Hz ≤ 2.0 % FS	<b>SI</b> 180.3 dB 186.3 dB 217.5 mV/kPa 1724 kPa 77 dB ≥ 13 kHz ≤ 25 µ sec 5 Hz ≤ 2.0 % FS	<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.  <b>M</b> - Metric Mount Supplied Accessory : Model M061A04 Clamp (2)										
<b>Environmental</b> Acceleration Sensitivity Temperature Range(Operating) Temperature Coefficient of Sensitivity Maximum Flash Temperature Maximum Shock	≤ 0.0005 psi/g -100 to 250 °F ≤ 0.2 %/°F 1000 °F 1000 g pk	≤ 0.0035 kPa/(m/s²) -73 to 121 °C ≤ 0.36 %/°C 538 °C 9807 m/s² pk		<b>NOTES:</b> [1] For +10 volt output, minimum 24 VDC supply voltage required. Negative 10 volt output may be limited by output bias. [2] Zero-based, least-squares, straight line method.									
<b>Electrical</b> Discharge Time Constant(at room temp) Excitation Voltage Constant Current Excitation Output Impedance Output Bias Voltage	≥ 0.1 sec 20 to 30 VDC 2 to 20 mA ≤ 100 Ohm 7 to 13 VDC	≥ 0.1 sec 20 to 30 VDC 2 to 20 mA ≤ 100 Ohm 7 to 13 VDC	<b>SUPPLIED ACCESSORIES:</b> Model 061A04 Sleeve clamp 4-40 cap screw (2) Model 065A66 Adhesive Mounting Ring (3)										
<b>Physical</b> Sensing Element Housing Material Diaphragm Sealing Electrical Connector Cable Termination Weight Cable Type Cable Length	Ceramic Stainless Steel 316L Stainless Steel Epoxy Integral Cable Pigtail Ends 0.115 oz 32 AWG stranded wires 15 in	Ceramic Stainless Steel 316L Stainless Steel Epoxy Integral Cable Pigtail Ends 3.260 gm 32 AWG stranded wires 38.1 cm		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Entered: AP</td> <td style="width: 15%;">Engineer: jg</td> <td style="width: 15%;">Sales: KWW</td> <td style="width: 15%;">Approved: BAM</td> <td style="width: 40%;">Spec Number:</td> </tr> <tr> <td>Date: 3/18/2013</td> <td>Date: 3/18/2013</td> <td>Date: 3/18/2013</td> <td>Date: 3/18/2013</td> <td style="text-align: center;"><b>24845</b></td> </tr> </table>	Entered: AP	Engineer: jg	Sales: KWW	Approved: BAM	Spec Number:	Date: 3/18/2013	Date: 3/18/2013	Date: 3/18/2013	Date: 3/18/2013
Entered: AP	Engineer: jg	Sales: KWW	Approved: BAM	Spec Number:									
Date: 3/18/2013	Date: 3/18/2013	Date: 3/18/2013	Date: 3/18/2013	<b>24845</b>									
<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> ICP® is a registered trademark of PCB Group, Inc.			 <b>Phone: 716-684-0001</b> <b>Fax: 716-684-0987</b> <b>E-Mail: info@pcb.com</b> <small>3425 Walden Avenue, Depew, NY 14043</small>										