





Model Number RH240A02	<b>UNIAXIAL ICP® STRAIN SENSOR</b>			Revision NR ECN #:										
<b>Performance</b> Sensitivity (±20 %) Measurement Range Frequency Range (-5 %) Broadband Resolution (1 to 10000 Hz) Non-Linearity	<b>ENGLISH</b> 50 mV/με 100 pk με 0.004 Hz 0.0002 με ≤2 %	<b>SI</b> 50 mV/με 100 pk με 0.004 Hz 0.0002 με ≤2 %	         	<b>Optional Versions</b> (Optional versions have identical specifications and accessories as listed for standard model except where noted below. More than one option maybe used.) <b>J</b> - Ground Isolated <b>M</b> - Metric Mount Supplied Accessory: Model M081A100 M6 x 1.00 flathead screw <b>W</b> - Water Resistant Cable										
<b>Environmental</b> Temperature Range (Operating)	-65 to +250 °F	-54 to +121 °C	         	<b>Notes</b> [1] Typical. [2] Based on 10 mV/μ&epsilon; sensitivity. [3] Calculated from discharge time constant. [4] Zero-based, least-squares, straight line method. [5] See PCB Declaration of Conformance PS023 for details.										
<b>Electrical</b> Excitation Voltage Constant Current Excitation Output Bias Voltage Discharge Time Constant	20 to 30 VDC 2 to 20 mA 8 to 14 VDC ≥150 sec	20 to 30 VDC 2 to 20 mA 8 to 14 VDC ≥150 sec	         	         										
<b>Physical</b> Sensing Element Housing Material Electrical Connector Electrical Connection Position Sealing Mounting Torque Size (Width x Length x Height)	Quartz Stainless Steel 10-32 Coaxial Jack Side Epoxy 7.38 ft-lb 0.67 in x 1.81 in x 0.6 in	Quartz Stainless Steel 10-32 Coaxial Jack Side Epoxy 10 Nm 17 mm x 46 mm x 15.2 mm	         	<b>Supplied Accessories</b> 081A100 1/4 -28 flathead hex screw (1)										
Weight	1.6 oz	45 gm	         											
 [5]														
<p><i>All specifications are at room temperature unless otherwise specified.</i></p> <p>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> <p>This model, designated with an RH prefix, is RoHS compliant. For further details, and to obtain PCB's RoHS Statement of Conformance, please visit <a href="http://www.pcb.com">www.pcb.com</a>.</p>														
<table border="1"> <tr> <td>Entered: BLS</td> <td>Engineer: DPC</td> <td>Sales: MJK</td> <td>Approved: BLS</td> <td>Spec Number:</td> </tr> <tr> <td>Date: 02/22/2007</td> <td>Date: 02/28/2007</td> <td>Date: 02/28/2007</td> <td>Date: 03/02/2007</td> <td><b>36796</b></td> </tr> </table>					Entered: BLS	Engineer: DPC	Sales: MJK	Approved: BLS	Spec Number:	Date: 02/22/2007	Date: 02/28/2007	Date: 02/28/2007	Date: 03/02/2007	<b>36796</b>
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<table> <tr> <td data-bbox="1129 1247 1528 1318">  </td> <td data-bbox="1570 1247 2028 1421"> 3425 Walden Avenue  Depew, NY 14043  UNITED STATES  Phone: 800-828-8840  Fax: 716-684-0987  E-mail: <a href="mailto:info@pcb.com">info@pcb.com</a>  Web site: <a href="http://www.pcb.com">www.pcb.com</a> </td> </tr> </table>						3425 Walden Avenue Depew, NY 14043 UNITED STATES Phone: 800-828-8840 Fax: 716-684-0987 E-mail: <a href="mailto:info@pcb.com">info@pcb.com</a> Web site: <a href="http://www.pcb.com">www.pcb.com</a>								
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