


Model Number <b>054214-01114</b>	<h1>STRAIN GAGE LOAD CELL</h1>			Revision: NR ECN #: 37515										
<b>Performance</b> Measurement Range(Full Scale Capacity) Sensitivity(output at rated capacity) Non-Linearity Hysteresis Non-Repeatability Resonant Frequency	<b>ENGLISH</b> 24,730 lb 1.50 mV/V ± 5 % FS ± 5 % FS ± 2 % FS 10 kHz	<b>SI</b> 110 kN 1.50 mV/V ± 5 % FS ± 5 % FS ± 2 % FS 10 kHz	[1] [1][4] [4] [4] [4]	<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>Environmental</b> Overload Limit Temperature Range(Operating) Temperature Range(Compensated) Temperature Effect on Output(Maximum) Temperature Effect on Zero Balance(Maximum)	37,095 lb 0 to +200 °F N/A °F ± 0.02 %Reading/°F ± 0.02 %FS/°F	165 kN -18 to +93 °C N/A °C ± 0.036 %Reading/°C ± 0.036 %FS/°C	[3] [4]	<b>NOTES:</b> [1] Nominal. [2] Calibrated at 10 VDC, usable 5 to 20 VDC or VAC RMS. [3] Over compensated operating temperature range. [4] FS - Full Scale.										
<b>Electrical</b> Bridge Resistance Excitation Voltage(Recommended) Output Polarity(Compression)	350 ohm 10 VDC Positive	350 ohm 10 VDC Positive	[1] [2]	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Entered: DMW</td> <td style="width: 15%;">Engineer: JSD</td> <td style="width: 15%;">Sales: JC</td> <td style="width: 15%;">Approved: GLB</td> <td style="width: 40%;">Spec Number:</td> </tr> <tr> <td>Date: 11/7/2011</td> <td>Date: 11/7/2011</td> <td>Date: 11/7/2011</td> <td>Date: 11/7/2011</td> <td style="text-align: center;"><b>48927</b></td> </tr> </table>	Entered: DMW	Engineer: JSD	Sales: JC	Approved: GLB	Spec Number:	Date: 11/7/2011	Date: 11/7/2011	Date: 11/7/2011	Date: 11/7/2011	<b>48927</b>
Entered: DMW	Engineer: JSD	Sales: JC	Approved: GLB	Spec Number:										
Date: 11/7/2011	Date: 11/7/2011	Date: 11/7/2011	Date: 11/7/2011	<b>48927</b>										
<b>Physical</b> Size (Diameter x Height) Fastener Size Through Hole Diameter Sensing Element Electrical Connector Electrical Connection Position <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.	1.213 in x 0.495 in 0.551 in 0.557 in Strain Gage pigtail ends Side	30.81 mm x 12.57 mm 14.00 mm 14.16 mm Strain Gage pigtail ends Side		<div style="display: flex; align-items: center;">  <div> <p><b>PCB Load &amp; Torque, Inc.</b>  <b>24350 Indoplex Circle</b>  <b>Farmington Hills, MI 48335</b>  <b>UNITED STATES</b>  <b>Phone: 866-684-7107</b>  <b>Fax: 716-684-0987</b>  <b>E-Mail: <a href="mailto:ltinfo@pcbloadtorque.com">ltinfo@pcbloadtorque.com</a></b>  <b>Web site: <a href="http://www.pcbloadtorque.com">http://www.pcbloadtorque.com</a></b></p> </div> </div>										