

Model Number <b>1404-03ADB</b>	<b>FATIGUE RATED LOW PROFILE LOAD CELL, DUAL BRIDGE</b>			Revision: F ECN #: 43840										
<b>Performance</b> Measurement Range(100 x 10 <sup>6</sup> cycles) Sensitivity(± 10 %) Non-Linearity Hysteresis Non-Repeatability Eccentric Load Sensitivity Resonant Frequency Side Load Sensitivity Creep(in 20 minutes) Static Error Band	<b>ENGLISH</b> 25 klb 2.0 mV/V ≤ 0.05 % FS ≤ 0.05 % FS ≤ 0.02 %RO 0.1 %/in 15 kHz 0.1 %/in 0.025 % ≤ 0.05 % FS	<b>SI</b> 111 kN 2.0 mV/V ≤ 0.05 % FS ≤ 0.05 % FS ≤ 0.02 %RO 0.1 %/25.4mm 15 kHz 0.1 %/25.4mm 0.025 % ≤ 0.05 % FS	[5][6] [7][1]	<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 Load Limit(Side Force, F <sub>X</sub> or F <sub>Y</sub> ) Load Limit(Bending Moment, M <sub>X</sub> or M <sub>Y</sub> ) Load Limit(Axial Torque, M <sub>Z</sub> ) Temperature Range(Operating) Temperature Range(Compensated) Temperature Effect on Output(Maximum) Temperature Effect on Zero Balance(Maximum)	75 klb 25 klb 25k in-lb 25k in-lb -65 to +200 °F +15 to +115 °F ± 0.0008 %Reading/°F ± 0.0008 %FS/°F	334 kN 111 kN 2825 Nm 2825 Nm -54 to +93 °C -9 to +46 °C ± 0.0018 %Reading/°C ± 0.0018 %FS/°C	[5] [3] [3] [3] [4] [4]	<b>NOTES:</b> [1]Nominal. [2]Calibrated at 10 VDC, usable 5 to 20 VDC or VAC RMS. [3]Singularly applied, i.e. no other extraneous loads. [4]Over compensated operating temperature range. [5]FS - Full Scale. [6]Calibrated in tension and compression. [7]RO - Rated Output. [8]See Outline Drawing 49932 for Complete Dimensions										
<b>Electrical</b> Bridge Resistance Excitation Voltage(Recommended) Insulation Resistance Zero Balance Output Polarity	350 Ohm 10 VDC >5k GOhm ≤ 1 %RO +Tension	350 Ohm 10 VDC >5k GOhm ≤ 1 %RO +Tension	[1] [2]	<b>SUPPLIED ACCESSORIES:</b> Model 084A90 Connector Shroud (2)  <b>OPTIONAL ACCESSORIES:</b> Model 084A56 Pre-Tension Stud Model 181-012A PT06A-10-6S(SR) Model 8311-01-10A CABLE										
<b>Physical</b> Size (Diameter x Height) Weight Mounting Thread Sensing Element Mounting Torque Deflection at Full Scale Capacity Electrical Connector	6.06 in x 3.50 in 21 lb 1 1/4 - 12 UNF-3B Strain Gage 1400 in-lb 0.001 in PT02E-10-6P (2)	153.90 mm x 88.90 mm 9.53 kg No Metric Equivalent Strain Gage 158 Nm 0.03 mm PT02E-10-6P (2)	[8]	<table border="1"> <tr> <td>Entered: AP</td> <td>Engineer: PE</td> <td>Sales: RWM</td> <td>Approved: JSD</td> <td>Spec Number:</td> </tr> <tr> <td>Date: 2/17/2015</td> <td>Date: 2/17/2015</td> <td>Date: 2/17/2015</td> <td>Date: 2/17/2015</td> <td><b>48435</b></td> </tr> </table>	Entered: AP	Engineer: PE	Sales: RWM	Approved: JSD	Spec Number:	Date: 2/17/2015	Date: 2/17/2015	Date: 2/17/2015	Date: 2/17/2015	<b>48435</b>
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<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>				<p style="text-align: center;"><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:</b>  <b><a href="http://www.pcbloadtorque.com">http://www.pcbloadtorque.com</a></b></p> 										