

Model Number <b>3122-04A</b>	<b>ROTARY TORQUE, SHAFT-SHAFT, HIGH SPEED, LOW CAPACITY</b>			Revision: A ECN #: 37309										
<b>Performance</b> Measurement Range(Full Scale Capacity) Sensitivity(output at rated capacity) Non-Linearity Hysteresis Non-Repeatability	<b>ENGLISH</b> 88.5 in-lb 1.5 mV/V $\leq 0.1\%$ FS $\leq 0.1\%$ FS $\leq 0.05\%$ FS	<b>SI</b> 10 Nm 1.5 mV/V $\leq 0.1\%$ FS $\leq 0.1\%$ FS $\leq 0.05\%$ FS	[4] [2] [2] [2]	<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)	177 in-lb 0 to 200 °F 70 to 150 °F $\pm 0.002\%$ Reading/°F $\pm 0.002\%$ FS/°F	20 Nm -18 to 93 °C 21 to 66 °C $\pm 0.0018\%$ Reading/°C $\pm 0.0018\%$ FS/°C	[3] [3]											
<b>Electrical</b> Bridge Resistance Excitation Voltage Insulation Resistance Zero Balance Bridge Current(at 5 VAC)	350 Ohm 20 VDC or VAC rms $>5$ GOhm $\leq 2\%$ FS 50 mA	350 Ohm 20 VDC or VAC rms $>5$ GOhm $\leq 2\%$ FS 50 mA	[1] [2] [2]	<b>NOTES:</b> [1] Recommended 10 VAC RMS. [2] FS - Full Scale. [3] Over compensated operating temperature range. [4] Nominal. [5] See 45871 for dimensional drawing.										
<b>Physical</b> Size (Shaft Length x Housing Length x Housing Height)	6.50 in x 3.44 in x 3.50 in	165.1 mm x 87.4 mm x 88.9 mm	[5]	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">Entered: AP</td> <td style="width: 25%;">Engineer: PE</td> <td style="width: 25%;">Sales: KWW</td> <td style="width: 25%;">Approved: DA</td> <td style="width: 20%;">Spec Number:</td> </tr> <tr> <td>Date: 7/17/2013</td> <td>Date: 7/17/2013</td> <td>Date: 7/17/2013</td> <td>Date: 7/17/2013</td> <td style="text-align: center;"><b>45867</b></td> </tr> </table>	Entered: AP	Engineer: PE	Sales: KWW	Approved: DA	Spec Number:	Date: 7/17/2013	Date: 7/17/2013	Date: 7/17/2013	Date: 7/17/2013	<b>45867</b>
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Weight Mounting Sensing Element Housing Material Shaft Material Electrical Connector Torsional Stiffness Rotating Inertia Maximum Speed	2 lb Keyed Shaft Strain Gage Aluminum Stainless Steel PT02H-8-4P 12.4 kin-lb/radian 0.42 in-lb/sec2 10,000 RPM	0.9 kg Keyed Shaft Strain Gage Aluminum Stainless Steel PT02H-8-4P 12.4 kin-lb/radian 0.42 in-lb/sec2 10,000 RPM		<div style="display: flex; align-items: center;">  <div> <p><b>PCB Load &amp; Torque, Inc.</b>            24350 Indoplex Circle            Farmington Hills, MI 48335            UNITED STATES            Phone: 866-684-7107            Fax: 716-684-0987            E-Mail: <a href="mailto:Itinfo@pcbloadtorque.com">Itinfo@pcbloadtorque.com</a>            Web site: <a href="http://www.pcbloadtorque.com">http://www.pcbloadtorque.com</a></p> </div> </div>										
<p><i>All specifications are at room temperature unless otherwise specified.</i>  <i>In the interest of constant product improvement, we reserve the right to change specifications without notice.</i></p> <p>ICP® is a registered trademark of PCB Group, Inc.</p>														