


Model Number 3122-02A	ROTARY TORQUE, SHAFT-SHAFT, HIGH SPEED, LOW CAPACITY			Revision: A ECN #: 37309										
Performance Measurement Range(Full Scale Capacity) Sensitivity(output at rated capacity) Non-Linearity Hysteresis Non-Repeatability	ENGLISH 17.7 in-lb 1.5 mV/V $\leq 0.1\%$ FS $\leq 0.1\%$ FS $\leq 0.05\%$ FS	SI 2 Nm 1.5 mV/V $\leq 0.1\%$ FS $\leq 0.1\%$ FS $\leq 0.05\%$ FS	[4] [2] [2] [2]	OPTIONAL VERSIONS Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.										
Environmental Overload Limit Temperature Range(Operating) Temperature Range(Compensated) Temperature Effect on Output(Maximum) Temperature Effect on Zero Balance(Maximum)	71 in-lb 0 to 200 °F 70 to 150 °F $\pm 0.002\%$ Reading/°F $\pm 0.002\%$ FS/°F	8 Nm -18 to 93 °C 21 to 66 °C $\pm 0.0018\%$ Reading/°C $\pm 0.0018\%$ FS/°C	[3] [3]											
Electrical 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]	NOTES: [1] Recommended 10 VAC RMS. [2] FS - Full Scale. [3] Over compensated operating temperature range. [4] Nominal. [5] See 45871 for dimensional drawing.										
Physical	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]													
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 1.1 kin-lb/radian 0.42 in-lb/sec ² 10,000 RPM	0.9 kg Keyed Shaft Strain Gage Aluminum Stainless Steel PT02H-8-4P 1.1 kin-lb/radian 0.42 in-lb/sec ² 10,000 RPM		<table border="1"> <tr> <td>Entered: AP</td> <td>Engineer: PE</td> <td>Sales: KWW</td> <td>Approved: DA</td> <td>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>45865</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	45865
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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. ICP® is a registered trademark of PCB Group, Inc.</i>				 <p> PCB Load & Torque, Inc. 24350 Indoplex Circle Farmington Hills, MI 48335 UNITED STATES Phone: 866-684-7107 Fax: 716-684-0987 E-Mail: Itinfo@pcbloadtorque.com Web site: http://www.pcbloadtorque.com </p>										