

Model Number 027375-04601		HAND TORQUE WRENCH			Revision: D ECN #: 53170		
Performance		ENGLISH		SI	OPTIONAL VERSIONS		
Measurement Range(Full Scale Capacity)		600 lbf-ft		813.6 Nm	Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.		
Sensitivity(output at rated capacity) (0.25%FS)		2 mV/V		2 mV/V			[1]
Non-Linearity		≤ 0.25 % FS		≤ 0.25 % FS			[2]
Hysteresis		≤ 0.25 % FS		≤ 0.25 % FS			[2]
Interchangeability		≤ 0.30 % FS		≤ 0.30 % FS			[3]
Overload Capacity		150 % F.S.		150 % F.S.			
Drive Size		1/4 inch Square		1/4 inch Square			[4]
Environmental							
Temperature Range(Operating)		0 to +200 °F		-18 to +93 °C			
Temperature Range(Compensated)		+70 to +150 °F		+21 to +66 °C			
Temperature Effect on Output(Maximum)		± 0.01 %RO/°F		± 0.018 %RO/°C			
Temperature Effect on Zero Balance(Maximum)		± 0.01 %FS/°F		± 0.018 %FS/°C			
Electrical							
Isolation Resistance		≥ 1G Ohm		≥ 1G Ohm			
Bridge Resistance		350 Ohm		350 Ohm			
Excitation Voltage(Recommended)		10 VDC or VAC rms		10 VDC or VAC rms			
Zero Balance		≤ 2 % FS		≤ 2 % FS			
Shunt Calibration		2 mV/V		2 mV/V	[5]		
Output Polarity		cw +		cw +			
Physical							
Size - Length		44.07 in		1119.4 mm	[4]		
Weight		12.8 oz		363 gm			
Mating Connector		PT06A-8-4S		PT06A-8-4S			
Connector		DT02H-8-4P		DT02H-8-4P			
Color Code		Brown		Brown			
Socket Retaining Type		Ball/Spring		Ball/Spring			
 ^[6]							
NOTES: [1]Nominal. [2]FS - Full Scale. [3]Matched for mV/V and shunt calibration. [4]See Drawing 52107 for Complete Dimensions [5]2 mV/V with 43.575 kOhm precision resistor. [6]See PCB Declaration of Conformance PS117 for details.							
SUPPLIED ACCESSORIES: Model 7122R-04352A PRECISION CAL RESISTOR 43.575 kOhm OPTIONAL ACCESSORIES: Model 080922-01000 MODEL 922 DIGITAL PEAK METER Model 080962-01000 MODEL 962 DATA RECORDER Model 097000-34149 INTERCONNECT CABLE Model 4242R-000600 MATING CONNECTOR PT06A-8-4S							
Entered: ND		Engineer: NJN		Sales: DM	Approved: JM	Spec Number:	
Date: 10/05/2022		Date: 10/05/2022		Date: 10/05/2022	Date: 10/05/2022	52097	
 PCB Load & Torque A Division of PCB Piezotronics 24350 Indoplex Circle Farmington Hills, MI 48335 UNITED STATES Phone: 866-684-7107 E-Mail: LTSales@pcb.com Web site: www.pcb.com/LoadAndTorque							
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.							