

	ENGLISH	SI	
<b>Performance</b>			
Measurement Range(Full Scale Capacity)	5000 in-lb	565 N-m	
Sensitivity(output at rated capacity)	2.0 mV/V	2.0 mV/V	[4]
Non-Linearity	≤ 0.1 % FS	≤ 0.1 %	[2]
		FS	
Hysteresis	≤ 0.1 % FS	≤ 0.1 %	[2]
		FS	
Non-Repeatability	≤ 0.05 %	≤ 0.05 %	[2]
	FS	FS	
<b>Environmental</b>			
Overload Limit	10,000 in-lb	1130 N-m	
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)	± 0.002 % Reading/°F	± 0.0018 % Reading/°C	[3]
Temperature Effect on Zero Balance(Maximum)	± 0.002 % FS/°F	± 0.0018 %FS/°C	[3]
<b>Electrical</b>			
Bridge Resistance	350 ohm	350 ohm	
Excitation Voltage	20 VDC or VAC rms	20 VDC or VAC rms	[1]
Bridge Current(at 5 VAC)	50 mA	50 mA	
Insulation Resistance	>5 Gohm	>5 Gohm	
Zero Balance	≤ 2 % FS	≤ 2 % FS	[2]
<b>Physical</b>			
Size (Shaft Length x Housing Length x Housing Diameter x Shaft Diameter x Shaft Keyway)	11.00 in x 5.25 in x 4.50 in x 1.50 in x 3/8 in	279.4 mm x 133.4 mm x 114.3 mm x 38.1 mm x 9.5 mm	[5]
Weight	9.5 lb	4.4 kg	
Mounting	Keyed Shaft Strain Gage	Keyed Shaft Strain Gage	
Sensing Element			
Housing Material	Aluminum	Aluminum	
Shaft Material	Alloy Steel	Alloy Steel	
Electrical Connector	PT02H-10-6P	PT02H-10-6P	
Electrical Connection Position	Top	Top	
Maximum Speed	7900 RPM	7900 RPM	

**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.

**NOTES:**

[1] Recommended 10 VAC RMS.  
 [2] FS - Full Scale.  
 [3] Over compensated operating temperature range.  
 [4] Nominal.  
 [5] See drawing 45891 for complete dimensions.

Entered: <u>BLS</u>	Engineer: <u>PTE</u>	Sales: <u>JCC</u>	Approved: <u>MB</u>	Spec Number:
Date: <u>3-29-10</u>	Date: <u>3-29-10</u>	Date: <u>3-29-10</u>	Date: <u>3-29-10</u>	<b>45889</b>

*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.*

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