

	<u>ENGLISH</u>	<u>SI</u>	
Performance			
Measurement Range(100 x 10 ⁶ cycles)	200 klb	890 kN	[5][6]
Sensitivity(± 10 %)	2.0 mV/V	2.0 mV/V	[7]
Non-Linearity	≤ 0.06 % FS	≤ 0.06 % FS	
Hysteresis	≤ 0.06 % FS	≤ 0.06 % FS	
Non-Repeatability	≤ 0.02 %RO	≤ 0.02 %RO	
Eccentric Load Sensitivity	≤ 0.01 %/in	≤ 0.1 %/25.4mm	
Resonant Frequency	18 kHz	18 kHz	
Side Load Sensitivity	≤ 0.1 %/in	≤ 0.1 %/25.4mm	
Creep	0.025 %	0.025 %	
Static Error Band	≤ 0.06 % FS	≤ 0.06 % FS	[5]
Environmental			
Overload Limit	600 klb	1779 kN	
Load Limit(Side Force, F _X or F _Y)	200 klb	890 kN	[3]
Load Limit(Bending Moment, M _X or M _Y)	200k in-lb	23k Nm	[3]
Load Limit(Axial Torque, M _Z)	200k in-lb	23k Nm	[3]
Temperature Range(Operating)	-65 to +200 °F	-54 to +93 °C	
Temperature Range(Compensated)	+15 to +115 °F	-9 to +46 °C	
Temperature Effect on Output(Maximum)	± 0.0008 %Reading/°F	± 0.0018 %Reading/°C	[4]
Temperature Effect on Zero Balance(Maximum)	± 0.0008 %FS/°F	± 0.0018 %FS/°C	[4]
Electrical			
Bridge Resistance	350 Ohm	350 Ohm	[1]
Excitation Voltage(Recommended)	10 VDC	10 VDC	[2]
Insulation Resistance	5 KGOhm	5 KGOhm	
Zero Balance	≤ 1 % FS	≤ 1 % FS	
Physical			
Size (Diameter x Height)	12 in x 9 in	304.8 mm x 228.6 mm	[8]
Weight	135 lb	61.3 kg	
Mounting Thread	3 1/2 - 8 UN-3B	No Metric Equivalent	
Housing Material	Painted Steel	Painted Steel	
Sensing Element	Strain Gage	Strain Gage	
Mounting Torque	9000 in-lb	1016 Nm	
Deflection at Full Scale Capacity	0.001 in	0.025 mm	
Electrical Connector	PT02E-10-6P	PT02E-10-6P	
Electrical Connection Position	Side	Side	
<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>			

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] 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 55808 for complete dimensions.

OPTIONAL ACCESSORIES:

Model 182-025A PCO6A-10-6S(SR)
 Model 8315-01-10A CABLE
 Model M084A104 TENSION LOAD BASE W/M. THD

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