Model Number 2301-02A	REACTION TORQUE SENSOR							sion: D #: 44666	
Performance Measurement Range(Full Scale Capa Sensitivity(± 15 %)(output at rated cap Non-Linearity Hysteresis Non-Repeatability Resonant Frequency Maximum Torque		SI   565 Nm   2 mV/V   ≤ 0.1 % FS   ≤ 0.1 % FS   ≤ 0.2 % FS   1.8 kHz   847 Nm	[1] [1][5] [5] [5] [5]	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(Axial Thrust) Overload Limit(Overhung Moment) Overload Limit(Shear) Temperature Range(Operating) Temperature Range(Compensated) Temperature Effect on Output(Maximu Temperature Effect on Zero Balance(I Electrical Bridge Resistance Excitation Voltage(Recommended) Insulation Resistance Zero Balance		22.2 kN 282 Nm 11.1 kN -54 to +93 °C +21 to +77 °C ± 0.0036 %Reading/°C ± 0.0036 %FS/°C 350 Ohm 10 VDC 5 GOhm ≤ 1 %RO	[3] [3] [3] [4] [4][5] [1] [2]	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]See Drawing 26440 for Complete Dimensions SUPPLIED ACCESSORIES: Model 181-012A PT06A-10-6S(SR) (1)					
Output Polarity <b>Physical</b>	CW+	cw+ 101.6 mm x 76.2 mm 2.268 kg Flange (M8 Bolts) 145.7 kN-m/radian Strain Gage Anodized Aluminum PT02E-10-6P plated steel	[6] [	Entered: LK	Engineer: JSD	Sales: RB	Approved: JM	Spec Number	
Size (Diameter x Length) Weight	4.00 in x 3.00 in 5 lb			Date: 12/30/2015	Date: 12/30/2015	Date: 12/30/2015	Date: 12/30/2015	18722	
Mounting Torsional Stiffness Sensing Element Housing Material Electrical Connector Sensor Material	Flange (5/16in Bolts) 1290 klbf-in/radian Strain Gage Anodized Aluminum PT02E-10-6P plated steel			PCB Load & Torque 24350 Indoplex Circle Farmington Hills, MI 48335 UNITED STATES Phone: 866-684-7107 Fax: 716-684-0987 E-Mail: Itinfo@pcbloadtorque.com Web site:					



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