Model Number 2508-03A	I	REACTION TOP	RQU	E SENSC)R
Performance	ENGLISH	SI			
Measurement Range(Full Scale Capacity)	200 lbf-in	22.6 Nm	[1]	Optional versions	s have
Sensitivity(output at rated capacity)	2 mV/V	2 mV/V	[1][5]		except
Non-Linearity	≤ 0.1 % FS	≤ 0.1 % FS	[5]		
Hysteresis	≤ 0.1 % FS	≤ 0.1 % FS	[5]		
Non-Repeatability	≤ 0.02 % FS	≤ 0.02 % FS	[5]		
Resonant Frequency	1.04 kHz	1.04 kHz			
Maximum Torque	300 lbf-in	33.9 Nm			
Environmental					
Overload Limit(Axial Thrust)	400 lbf	1780 N	[3]	NOTES:	
Overload Limit(Overhung Moment)	200 lbf-in	22.6 Nm	[3]	[1] Nominal.	40 \/
Overload Limit(Shear)	26 lbf	116.7 N	[3]	[2] Calibrated at [3] Singularly ap	
Temperature Range(Operating)	-65 to +200 °F	-54 to +93 °C		[4] Over comper	
Temperature Range(Compensated)	+70 to +170 °F	+21 to +77 °C		[5] FS - Full Sca	
Temperature Effect on Output(Maximum)	± 0.002 %Reading/°F	± 0.0036 %Reading/°C	[4]	[6] See Drawing	
Temperature Effect on Zero Balance(Maximum)	± 0.002 %FS/°F	± 0.0036 %FS/°C	[4][5]		
Electrical				OUDDI IED A	2050
Bridge Resistance	700 Ohm	700 Ohm	[1] SUPPLIED ACCES		
Excitation Voltage(Recommended)	10 VDC	10 VDC	[2]	Model 181-012A PT06	
Insulation Resistance	5 GOhm	5 GOhm			
Zero Balance	≤ 1 %RO	≤ 1 %RO			L
Output Polarity	cw+	cw+		Entered: LK	Eng
Physical				Date: 2/22/2018	Date
Size (Diameter x Length)	2.00 in x 3.00 in	50.8 mm x 76.2 mm	[6]	Date. 2/22/2016	Dale
Weight	2 lb	908 g			
Mounting	Flange (#10-24 Bolts)	Flange (No Metric Equivalent)			
Torsional Stiffness	18.8 klbf-in/radian	2.124 kN-m/radian			
Sensing Element	Strain Gage	Strain Gage			
Housing Material(Sensor)	Anodized Aluminum	Anodized Aluminum		ODCD!	0//
Electrical Connector	PT02E-10-6P	PT02E-10-6P		@PCB L	UAI

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.

OPTIONAL VERSIONS

ons have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.

- I at 10 VDC, usable 5 to 20 VDC or VAC RMS.
- applied, i.e. no other extraneous loads.
- pensated operating temperature range.
- ing 32786 for Complete Dimensions

ACCESSORIES:

2A PT06A-10-6S(SR) (1)

Entered: LK	Engineer: PE	Sales: KH	Approved: JSD	Spec Number:
Date: 2/22/2018	Date: 2/22/2018	Date: 2/22/2018	Date: 2/22/2018	18533



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Revision: F

ECN #: 47636