

Binsfeld Engineering Inc. TorqueTrak 10K Certificate of Calibration

Binsfeld Engineering Inc. hereby certifies that the product listed was calibrated in accordance with applicable calibration procedures during the manufacturing process. These processes are designed to assure that the instrument meets its published specifications. The instruments used during calibration and testing of this product are traceable to NIST standards.

Test Date: 21-Apr-2011	RX10K Receiver Serial Number: 713
Technician: LSW	TX10K-S Transmitter Serial Number: 844
Room Temperature (°C): 26	System Gain Setting: 4000

RX10K Voltage Output Calibration	OUTPUT	ERROR (%)	MAX ERROR (±)	
Zero voltage output (0.000 V)	0.000	0.000	0.005	% of Full Scale
Full Scale voltage output (10.000 V)	9.999	-0.010	0.020	% of Reading

System Calibration Verification	OUTPUT	ERROR (%)	MAX ERROR (±)	
Reference Shunt Resistor enabled				
- RX10K display value	1995	-0.200	0.200	% of Reading
- RX10K digital output value	1997	-0.050	0.200	% of Reading
- RX10K voltage output value (VDC)	1.997	-0.100	0.250	% of Reading
Zero input to TX10K-S				
- RX10K display value	-1	-0.005	0.130	% of Full Scale
- RX10K digital output value	-2	-0.010	0.130	% of Full Scale
- RX10K voltage output value (VDC)	-0.001	-0.005	0.160	% of Full Scale
+0.5mV/V input to TX10K-S				
- RX10K display value	4992	-0.140	0.200	% of Reading
- RX10K digital output value	4994	-0.080	0.200	% of Reading
- RX10K voltage output value (VDC)	4.994	-0.100	0.250	% of Reading
-0.5mV/V input to TX10K-S				
- RX10K display value	-4997	-0.080	0.200	% of Reading
- RX10K digital output value	-4998	-0.080	0.200	% of Reading
- RX10K voltage output value (VDC)	-4.996	-0.100	0.250	% of Reading

Calibration Equipment:

INPUT: Vishay BLH Model 325 Calibrator [source error ≤0.04% of range]

OUTPUT: Fluke 45 Multimeter [source error ±(.025% of reading +2mV)]

Binsfeld Engineering Inc. recommends recalibration one year from the date of sale.



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