

PAINE ELECTRONICS

CALIBRATION CERTIFICATE

Part Number: 211-75-710-05
 Serial Number: 253669
 Test Excitation: 10.000 VDC
 Range: 0 - 1500 PSIA

Test Date: 8/24/2009

Pressure (PSIA)*	Transducer output (mVDC)	
	0 °C	30 °C
0	1.019660709	0.977
300	7.037	6.995
600	13.039	13.004
900	19.022	19.000
1200	24.984	24.975
1500	30.936	30.924
1200	24.996	24.979
900	19.035	19.013
600	13.052	13.025
300	7.048	7.017
0	1.03147243	0.993

Sensitivity	29.917	29.947
-------------	--------	--------

Thermistor (Ω)	88,875.19	24,517.26
----------------	-----------	-----------

Input Resistance: 997.48
 Output Resistance: 905.33
 Insulation Resistance: >1,000 Megohms at 50 VDC
 Thermal Zero Shift: 0.0047% (.0060 % F.S / °C)
 Thermal Sensitivity Shift: 0.0034% (.0060 % F.S / °C)
 Proof Pressure: 2250
 Static Error Band: 0.150% (±.25 % of F.S)

ELECTRICAL CONNECTIONS	
PIN	FUNCTION
A	+ EXCITATION
B	+ SIGNAL
C	- SIGNAL
D	- EXCITATION
E	THERMISTOR
F	THERMISTOR

Quality Assurance

Test Technician

Paine Electronics
 East Wenatchee, WA 98802
 CAGE: 13624

All tests performed at +75 ± 5 °F, except as noted.

* Unit calibrated using PSIG pressure steps.

The barometric offset has been subtracted from all readings.

** Error bands referenced to Best Straight Line.