

PAINE ELECTRONICS

CALIBRATION CERTIFICATE

Part Number: 211-75-710-05
 Serial Number: 253666
 Test Excitation: 10.000 VDC
 Range: 0 - 1500 PSIA

Test Date:

Pressure (PSIA)*	Transducer output (mVDC)	
	0 °C	30 °C
0	0.859785724	0.824
300	6.893	6.860
600	12.913	12.890
900	18.916	18.903
1200	24.901	24.900
1500	30.873	30.865
1200	24.916	24.904
900	18.938	18.918
600	12.931	12.912
300	6.908	6.885
0	0.878246845	0.843

Sensitivity	30.013	30.041
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Thermistor (Ω)	90,733.39	24,334.17
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Input Resistance: 978.69
 Output Resistance: 904.46
 Insulation Resistance: >1,000 *Megohms at 50 VDC*
 Thermal Zero Shift: 0.0040% *(.0060 % F.S / °C)*
 Thermal Sensitivity Shift: 0.0031% *(.0060 % F.S / °C)*
 Proof Pressure: 2250
 Static Error Band: 0.153% *(.25 % of F.S)*

ELECTRICAL
PIN
A
B
C
D
E
F

Quality Assurance

Test Technician

Paine Electronics
 East Wenatchee, WA 98802
 CAGE: 13624

All tests performed at +75 °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.

8/24/2009

CONNECTIONS
FUNCTION
+ EXCITATION
+ SIGNAL
- SIGNAL
- EXCITATION
THERMISTOR
THERMISTOR
