



# PAINE ELECTRONICS

## CALIBRATION CERTIFICATE

Part Number: 211-75-710-05  
 Serial Number: 250369  
 Test Excitation: 10.000 VDC  
 Range: 0 - 1500 PSIA

Test Date: 4/9/2009

Pressure (PSIA)*	Transducer output (mVDC)	
	0 °C	30 °C
0	1.042	1.018
300	7.058	7.029
600	13.093	13.054
900	19.110	19.070
1200	25.102	25.054
1500	31.069	31.016
1200	25.113	25.066
900	19.115	19.070
600	13.097	13.064
300	7.068	7.031
0	1.049	1.015

Sensitivity	30.027	29.998
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Thermistor (Ω)	88,165.52	23,410.83
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Input Resistance: 946.38  
 Output Resistance: 908.56  
 Insulation Resistance: >1,000 *Megohms at 50 VDC*  
 Thermal Zero Shift: 0.0026% *(.0060 % F.S / °C)*  
 Thermal Sensitivity Shift: 0.0032% *(.0060 % F.S / °C)*  
 Proof Pressure: 2250  
 Static Error Band: 0.149% *(±.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.