

# **PAINE** PAINE ELECTRONICS

## CALIBRATION CERTIFICATE

56147

Part Number: 211-75-710-05  
 Serial Number: 238767  
 Test Excitation: 10.000 VDC  
 Range: 0 - 1500 PSIA

Test Date: 10/5/2007

Pressure (PSIA)*	Transducer output (mVDC)	
	0 °C	30 °C
0	0.165	0.201
300	6.181	6.205
600	12.207	12.226
900	18.218	18.238
1200	24.203	24.223
1500	30.168	30.186
1200	24.224	24.227
900	18.230	18.255
600	12.219	12.242
300	6.194	6.217
0	0.182	0.207

Sensitivity	30.003	29.985
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Thermistor (Ω)	84,326.10	24,692.30
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Input Resistance: 926.85  
 Output Resistance: 910.29  
 Insulation Resistance: >1,000 Megohms at 50 VDC  
 Thermal Zero Shift: 0.0040% (.0060 % F.S / °C)  
 Thermal Sensitivity Shift: 0.0019% (.0060 % F.S / °C)  
 Proof Pressure: 2250

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



Quality Assurance

*Jeff Parnell*  
 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.