

PAINÉ PAINE ELECTRONICS

SC 145

CALIBRATION CERTIFICATE

Part Number: 211-75-710-05
Serial Number: 238765
Test Excitation: 10.000 VDC
Range: 0 - 1500 PSIA

Test Date: 10/5/2007

Pressure (PSIA)*	Transducer output (mVDC)	
	0 °C	30 °C
0	-0.115	-0.097
300	5.895	5.900
600	11.913	11.913
900	17.909	17.913
1200	23.882	23.885
1500	29.836	29.835
1200	23.904	23.892
900	17.920	17.930
600	11.925	11.928
300	5.910	5.910
0	-0.097	-0.093

Sensitivity	29.951	29.932
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Thermistor (Ω)	84,325.10	24,682.10
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Input Resistance: 956.37
Output Resistance: 911.85
Insulation Resistance: >1,000 Megohms at 50 VDC
Thermal Zero Shift: 0.0020% (.0060 % F.S / °C)
Thermal Sensitivity Shift: 0.0021% (.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

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.