

PAINE ELECTRONICS

CALIBRATION CERTIFICATE

Part Number: 211-75-710-05
Serial Number: 253664
Test Excitation: 10.000 VDC
Range: 0 - 1500 PSIA

Test Date:

| Pressure (PSIA)* | Transducer output (mVDC) | |
|---------------------|--------------------------|--------|
| | 0 °C | 30 °C |
| 0 | 0.764054276 | 0.727 |
| 300 | 6.785 | 6.750 |
| 600 | 12.800 | 12.774 |
| 900 | 18.790 | 18.774 |
| 1200 | 24.754 | 24.751 |
| 1500 | 30.693 | 30.692 |
| 1200 | 24.761 | 24.753 |
| 900 | 18.802 | 18.787 |
| 600 | 12.816 | 12.794 |
| 300 | 6.798 | 6.774 |
| 0 | 0.76994962 | 0.744 |

| | | |
|-------------|--------|--------|
| Sensitivity | 29.929 | 29.964 |
|-------------|--------|--------|

| | | |
|----------------|-----------|-----------|
| Thermistor (Ω) | 91,365.16 | 24,391.81 |
|----------------|-----------|-----------|

Input Resistance: 993.30
Output Resistance: 905.08
Insulation Resistance: >1,000 *Megohms at 50 VDC*
Thermal Zero Shift: 0.0041% *(.0060 % F.S / °C)*
Thermal Sensitivity Shift: 0.0039% *(.0060 % F.S / °C)*
Proof Pressure: 2250
Static Error Band: 0.186% *(.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 |
