

RETURNED TO MFG
FOR TEST & RECAL
4/16/08

PAINE CORPORATION
CALIBRATION CERTIFICATE

~~SG-114~~
SG-114

P-214722

PART NUMBER: 211-75-710-05 Rev. H

PRESSURE RANGE: 0 to 1500 PSIA

SERIAL NUMBER: 214718

TEST EXCITATION: 10.00 VDC

DATE TESTED: 3/12/05

PRESSURE CALIBRATION (mVDC)

PRESSURE (PSIA)	TEMPERATURE PERFORMANCE DATA			
	0° C.		+30° C.	
	INCREASING PRESSURE	DECREASING PRESSURE	INCREASING PRESSURE	DECREASING PRESSURE
0	-0.222	-0.206	-0.249	-0.227
300	5.797	5.844	5.770	5.820
600	11.833	11.879	11.799	11.851
900	17.852	17.890	17.820	17.860
1200	23.855	23.866	23.813	23.828
1500	29.810	-----	29.790	-----
THERMISTOR (in Kohms)	88.52		24.30	

INPUT RESISTANCE: 941.0 Ohms

OUTPUT RESISTANCE: 910.0 Ohms

INSULATION RESISTANCE: > 1000 Megohms at 50 VDC

*STATIC ERROR (.250% F.S. max.): .143% F.S.

HYSTERESIS (.200% F.S. max.): .173% F.S.

THERMAL ZERO SHIFT (.0055% F.S./° C. max.): .0030% F.S./° C.

MAX. SENSITIVITY SHIFT (.0055% F.S./° C. max.): .0008% F.S./° C.

PROOF PRESSURE: 2250 PSI

BURST PRESSURE: 3000 PSI

NOTE: All tests performed at 75° F. ± 5° F. except as noted.
Unit calibrated using PSIG pressure steps. The barometric
offset has been subtracted from all readings.

*Referenced to best straight line

ELECTRICAL CONNECTIONS	
PIN	FUNCTION
A	+ Input power
B	+ Signal
C	- Signal
D	- Input power
E	Thermistor
F	Thermistor

Test Technician



Quality Assurance

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