



PAINE ELECTRONICS

CALIBRATION CERTIFICATE

Part Number: 212-60-050-01
 Serial Number: 131573
 Test Excitation: 28.000 VDC
 Range: 0 - 500 PSID

Test Date: 7/31/2009

Pressure Calibration (VDC), 75 °F				
Pressure (PSID)	Port 1 (Pos. Output)		Port 2 (Neg. Output)	
	Increasing	Decreasing	Increasing	Decreasing
0	0.005	0.011	0.010	0.000
100	2.028	2.035	-2.015	-2.024
200	4.045	4.056	-4.035	-4.048
300	6.052	6.063	-6.043	-6.055
400	8.045	8.051	-8.037	-8.045
500	10.024	X	-10.015	X

Pressure (PSID)	Temperature performance data (VDC), °F			X
	-25	75	175	
500 (Port 1)	9.979	10.024	10.042	
500 (Port 2)	-10.021	-10.015	-9.978	
0	-0.017	0.011	0.038	
Sensitivity (Port 1)	9.996	10.013	10.003	
Sensitivity (Port 2)	10.004	10.026	10.016	
Full Scale Excursion	20.000	20.039	20.020	

Input Current: 31.91 *mADC*
 Insulation Resistance: >100 *Megohms at 50 VDC*
 Isolation Resistance: >100 *Megohms at 50 VDC*
 * Static Error Band (P1): 0.250% *(.250 % F.S. Max)*
 * Static Error Band (P2): 0.245% *(.250 % F.S. Max)*
 Thermal Zero Shift: 0.0014% *(.010 % F.S.E. / °F Max)*
 Thermal Sensitivity Shift (P1): 0.0008% *(.010 % F.S. / °F Max)*
 Thermal Sensitivity Shift (P2): 0.0011% *(.010 % F.S. / °F Max)*
 Proof Pressure: 750 *PSI*

ELECTRICAL CONNECTIONS	
PIN	FUNCTION
A	+ Input
B	+ Output
C	Output Return
D	Input Return
E & F	No Connection

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.
 * Error bands referenced to Best Straight Line.