



PRESSURE TRANSDUCER CALIBRATION DATA

Customer

TELEDYNE WEBB

Date

26 MAR 15

Model Number

141698-2000A

Serial Number

103634

Diaphragm Materials

TITANIUM

Excitation

5 VDC

Pressure Range

2000 PSIA

Excitation Type

Constant Voltage

Pressure Calibration Data all readings are in mV DC

Date of Pressure Calibration

24 MAR 15

Pressure	Increase	Decrease	Ideal	Linearity (%FS)	Hysteresis (%FS)	STATIC ERROR BAND ± 0.29% FS BFSL
0 PSIA	-0.72	-0.69	-0.72		0.03%	
1000 PSIA	49.86	49.84	49.29	0.57%	0.02%	
2000 PSIA	99.29		99.29			
SENSITIVITY	100.01					

Thermal Calibration Data all readings are in mV DC

Date of Thermal Calibration

24 MAR 15

	Low Temp.	Ambient	High Temp	Temperature Range	Thermal Balance Shift	Thermal Sensitivity Shift
Temperature	30 °F	75 °F	130 °F			
0 PSIA	-0.65	-0.69	-0.75	30°F to 75°F	-0.04%FS	0.05%FS
2000 PSIA	99.27	99.28	99.77	75°F to 130°F	-0.06%FS	0.55%FS
Sensitivity	99.92	99.97	100.52	AVERAGE	± 0.000% FS/°F	± 0.003% FS/°F

Notes

DATE OF LAST
MEASUREMENT:

26 MAR 15

BALANCE OUTPUT:
0.01 mV DC

+SIGNAL
GREEN

+ EXCITATION
RED

±-SIGNAL
WHITE

-EXCITATION
BLACK

INPUT RESISTANCE 1243 Ohms
OUTPUT RESISTANCE 782 Ohms

Data Entered and Reviewed By

Dennis Adkinson

Date Data Entered

26 March 2015