



PRESSURE TRANSDUCER CALIBRATION DATA

Customer SIDUS SPACE INC.	Date 29 JUN 22
Model Number 141698A-2000A	Serial Number 134722

Diaphragm Materials TITANIUM	Excitation 5 VDC	Pressure Range 2000 PSIA	Excitation Type Constant Voltage
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Pressure Calibration Data all readings are in mV DC

Date of Pressure Calibration
25 APR 22

Pressure	Increase	Decrease	Ideal	Linearity (%FS)	Hysteresis (%FS)	STATIC ERROR BAND ± .03% FS BFSL
0 PSIA	.32	.25	.32		.07%	
1000 PSIA	51.13	51.06	51.11	.02%	.07%	
2000 PSIA	101.89		101.89			
SENSITIVITY	101.57					

Thermal Calibration Data all readings are in mV DC

Date of Thermal Calibration
25 APR 22

	Low Temp.	Ambient	High Temp	Temperature Range	Thermal Balance Shift	Thermal Sensitivity Shift
Temperature	35 °F	75 °F	75 °F			
0 PSIA	.24	.25	.22	35°F to 75°F	.01%FS	-.01%FS
2000 PSIA	101.88	101.88	102.11	75°F to 75°F	-.03%FS	.26%FS
Sensitivity	101.64	101.63	101.89	AVERAGE	± .000% FS/°F	± .003% FS/°F

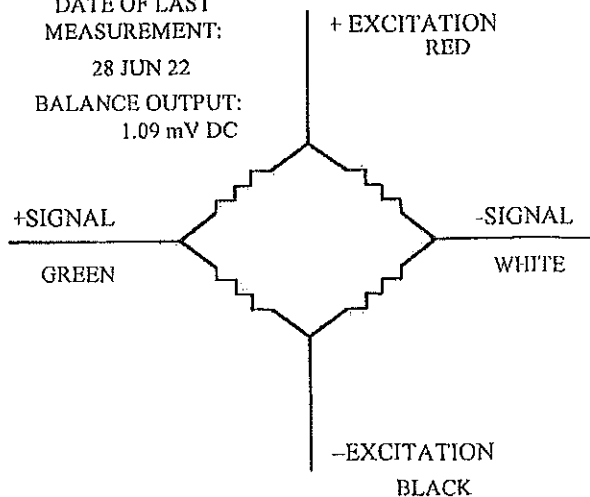
Notes

P.O. No.: 2022048
S.O. No.: 22-204

DATE OF LAST
MEASUREMENT:

28 JUN 22

BALANCE OUTPUT:
1.09 mV DC



INPUT RESISTANCE 1679 Ohms
OUTPUT RESISTANCE 453 Ohms

Data Entered and Reviewed By

Bryan Pierce

Date Data Entered

29 June 2022