

## PRESSURE TRANSDUCER CALIBRATION DATA

<i>Customer</i> SIDUS SPACE INC.	<i>Date</i> 29 JUN 22
<i>Model Number</i> 141698A-2000A	<i>Serial Number</i> 134729

<i>Diaphragm Materials</i> TITANIUM	<i>Excitation</i> 5 VDC	<i>Pressure Range</i> 2000 PSIA	<i>Excitation Type</i> 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 ± .05% FS BFSL
0 PSIA	.33	.31	.33		.02%	
1000 PSIA	50.48	50.46	50.37	.11%	.02%	
2000 PSIA	100.41		100.41			
SENSITIVITY	100.08					

### Thermal Calibration Data all readings are in mV DC

*Date of Thermal Calibration*  
25 APR 22

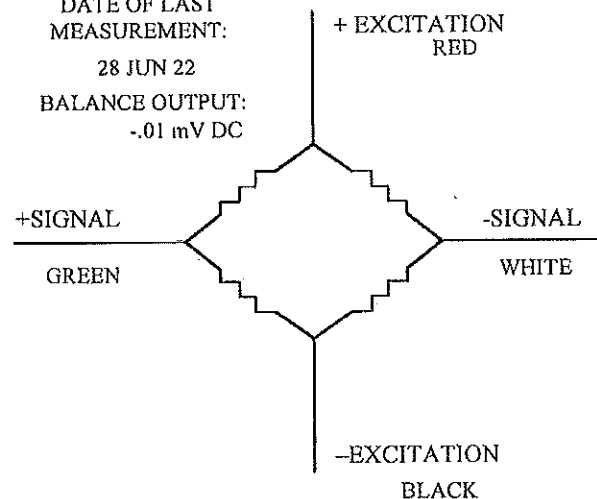
	Low Temp.	Ambient	High Temp	Temperature Range	Thermal Balance Shift	Thermal Sensitivity Shift
Temperature	35 °F	75 °F	75 °F			
0 PSIA	.29	.32	.34	35°F to 75°F	.03% FS	-.03% FS
2000 PSIA	100.40	100.40	100.51	75°F to 75°F	.02% FS	.09% FS
Sensitivity	100.11	100.08	100.17	AVERAGE	± .001% FS/°F	± .001% FS/°F

#### Notes

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

DATE OF LAST  
MEASUREMENT:  
28 JUN 22

BALANCE OUTPUT:  
-.01 mV DC



INPUT RESISTANCE 1788 Ohms  
OUTPUT RESISTANCE 458 Ohms

*Data Entered and Reviewed By*

Bryan Pierce

*Date Data Entered*

29 June 2022