



# **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> 134699

<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	-.19	-.18	-.19		.01%	
1000 PSIA	48.21	48.30	48.26	.05%	.09%	
2000 PSIA	96.71		96.71			
SENSITIVITY	96.90					

## **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	-.18	-.18	-.08	35°F to 75°F	0.00% FS	0.00% FS
2000 PSIA	96.71	96.71	97.56	75°F to 75°F	.10% FS	.77% FS
Sensitivity	96.89	96.89	97.64	AVERAGE	± .001% FS/°F	± .010% FS/°F

### **Notes**

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

DATE OF LAST  
MEASUREMENT:  
28 JUN 22

BALANCE OUTPUT:  
-.35 mV DC

+SIGNAL  
GREEN

-SIGNAL  
WHITE

+ EXCITATION  
RED

-EXCITATION  
BLACK

INPUT RESISTANCE 1104 Ohms  
OUTPUT RESISTANCE 457 Ohms

*Data Entered and Reviewed By*

Bryan Pierce

*Date Data Entered*

28 June 2022