



**PRESSURE TRANSDUCER  
CALIBRATION DATA**

<i>Customer</i> Sidus Space, Inc.	<i>Date</i> 12 NOV 21
<i>Model Number</i> 141698-2000A	<i>Serial Number</i> 131919 ✓

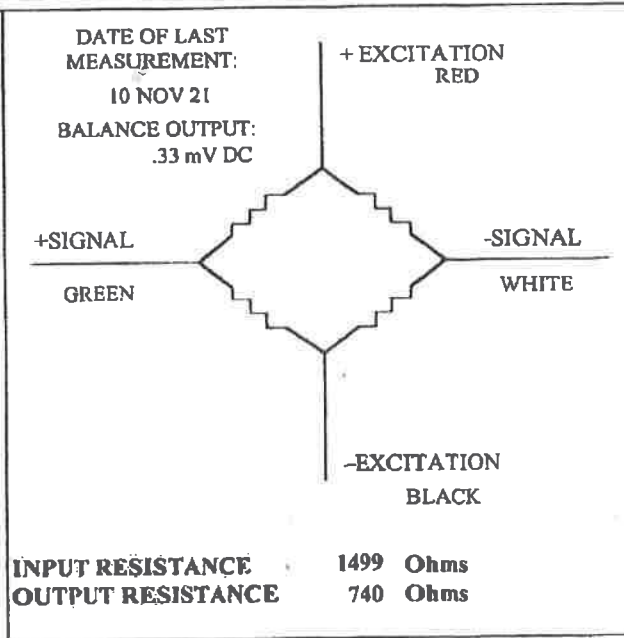
<i>Diaphragm Materials</i> TITANIUM	<i>Excitation</i> 5 VDC	<i>Pressure Range</i> 2000 PSIA	<i>Excitation Type</i> Constant Voltage
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<b>Pressure Calibration Data</b> all readings are in mV DC						<i>Date of Pressure Calibration</i> 9 NOV 21
<b>Pressure</b>	<b>Increase</b>	<b>Decrease</b>	<b>Ideal</b>	<b>Linearity (%FS)</b>	<b>Hysteresis (%FS)</b>	<b>STATIC ERROR BAND</b> .15% FS BFSL
0 PSIA	.24	-.07	.24		.30%	
1000 PSIA	52.72	52.63	52.51	.21%	.09%	
2000 PSIA	104.77		104.77			
<b>SENSITIVITY</b>	104.53					

<b>Thermal Calibration Data</b> all readings are in mV DC						<i>Date of Thermal Calibration</i> 9 NOV 21
	<b>Low Temp.</b>	<b>Ambient</b>	<b>High Temp</b>	<b>Temperature Range</b>	<b>Thermal Balance Shift</b>	<b>Thermal Sensitivity Shift</b>
<b>Temperature</b>	35°F	75°F	75°F			
0 PSIA	.22	.27	.05	35°F to 75°F	.05%FS	.99%FS
2000 PSIA	103.49	104.57	104.64	75°F to 75°F	-.21%FS	.28%FS
<b>Sensitivity</b>	103.27	104.30	104.59	<b>AVERAGE</b>	± .003% FS/°F	± .016% FS/°F

**Notes**  
P.O. No. 2021276  
Micron S.O. 21-423

PR# 2021276-1  
 11/18/21  
 LPM



<i>Data Entered and Reviewed By</i> Bryan Pierce	<i>Date Data Entered</i> 10 November 2021
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