



**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> 126621 ✓

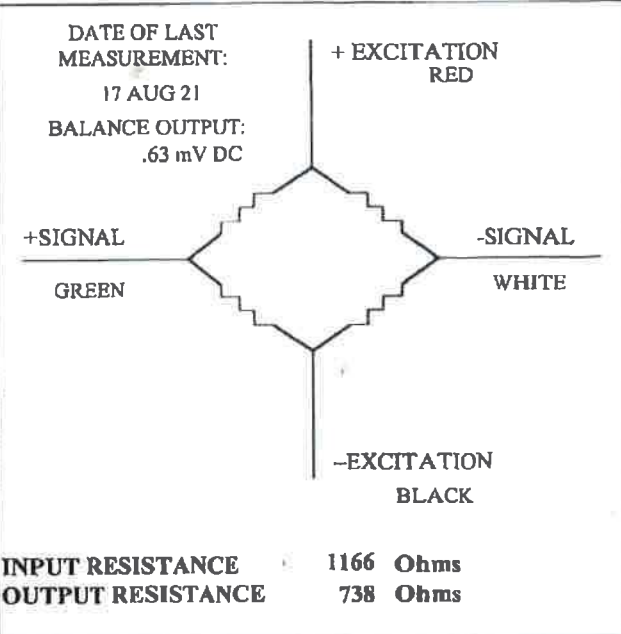
<i>Diaphragm Materials</i> TITANIUM	<i>Excitation</i> 5 VDC	<i>Pressure Range</i> 2000 PSIA	<i>Excitation Type</i> Constant Voltage
--	----------------------------	------------------------------------	--

Pressure Calibration Data all readings are in mV DC						<i>Date of Pressure Calibration</i> 14 AUG 21
Pressure	Increase	Decrease	Ideal	Linearity (%FS)	Hysteresis (%FS)	STATIC ERROR BAND ± .08% FS BFSL
0 PSIA	.47	.48	.47		.01%	
1000 PSIA	48.79	48.80	48.65	.15%	.01%	
2000 PSIA	96.82		96.82			
SENSITIVITY	96.35					

Thermal Calibration Data all readings are in mV DC						<i>Date of Thermal Calibration</i> 14 AUG 21
	Low Temp.	Ambient	High Temp	Temperature Range	Thermal Balance Shift	Thermal Sensitivity Shift
Temperature	35°F	75°F	75°F			
0 PSIA	.44	.49	.49	35°F to 75°F	.05%FS	-.86%FS
2000 PSIA	97.60	96.82	96.83	75°F to 75°F	0.00%FS	.01%FS
Sensitivity	97.16	96.33	96.34	AVERAGE	± .001% FS/°F	± .011% FS/°F

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

RE#2021276-1
 11/18/21
 JAH



<i>Data Entered and Reviewed By</i> Bryan Pierce	<i>Date Data Entered</i> 17 August 2021
---	--