



**PRESSURE TRANSDUCER
CALIBRATION DATA**

<i>Customer</i>	<i>Date</i>
TELEDYNE BENTHOS	17 AUG 21
<i>Model Number</i>	<i>Serial Number</i>
141698-2000A	130003

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

Pressure Calibration Data all readings are in mV DC	<i>Date of Pressure Calibration</i>
	28 JUN 21

Pressure	Increase	Decrease	Ideal	Linearity (%FS)	Hysteresis (%FS)	<i>STATIC ERROR BAND</i>
0 PSIA	.57	.44	.57		.12%	± .08% FS BFSL
1000 PSIA	53.02	52.87	52.85	.16%	.14%	
2000 PSIA	105.13		105.13			
SENSITIVITY	104.56					

Thermal Calibration Data all readings are in mV DC	<i>Date of Thermal Calibration</i>
	28 JUN 21

	Low Temp.	Ambient	High Temp	Temperature Range	Thermal Balance Shift	Thermal Sensitivity Shift
<i>Temperature</i>	35 °F	75 °F	75 °F			
0 PSIA	.39	.46	.41	35°F to 75°F	.07%FS	1.04%FS
2000 PSIA	103.87	105.03	104.98	75°F to 75°F	-.05%FS	0.00%FS
Sensitivity	103.48	104.57	104.57	AVERAGE	± .001% FS/°F	± .013% FS/°F

Notes

DATE OF LAST MEASUREMENT:
29 JUN 21

BALANCE OUTPUT:
-.45 mV DC

INPUT RESISTANCE 1638 Ohms
OUTPUT RESISTANCE 742 Ohms

<i>Data Entered and Reviewed By</i>	<i>Date Data Entered</i>
THARIN THAV	17 August 2021