



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	130005

<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						Date of Pressure Calibration
						19 JUN 21
Pressure	Increase	Decrease	Ideal	Linearity (%FS)	Hysteresis (%FS)	STATIC ERROR BAND ± .06% FS BFSL
0 PSIA	.41	.32	.41		.09%	
1000 PSIA	52.88	52.78	52.75	.13%	.10%	
2000 PSIA	105.08		105.08			
SENSITIVITY	104.67					

Thermal Calibration Data all readings are in mV DC						Date of Thermal Calibration
						19 JUN 21
	Low Temp.	Ambient	High Temp	Temperature Range	Thermal Balance Shift	Thermal Sensitivity Shift
Temperature	35 °F	75 °F	75 °F			
0 PSIA	.36	.33	.32	35°F to 75°F	-.03%FS	.76%FS
2000 PSIA	104.33	105.10	105.08	75°F to 75°F	-.01%FS	-.01%FS
Sensitivity	103.97	104.77	104.76	AVERAGE	± .000% FS/°F	± .010% FS/°F

Notes

DATE OF LAST
MEASUREMENT:

23 JUN 21

BALANCE OUTPUT:
.39 mV DC

+SIGNAL
GREEN

+ EXCITATION
RED

-SIGNAL
WHITE

-EXCITATION
BLACK

INPUT RESISTANCE 1614 Ohms
OUTPUT RESISTANCE 765 Ohms

Data Entered and Reviewed By
THARIN THAV

Date Data Entered
17 August 2021