



# **PRESSURE TRANSDUCER CALIBRATION DATA**

*Customer*

TELEDYNE BENTHOS

*Date*

9 JUL 21

*Model Number*

141698-2000A

*Serial Number*

129987

*Diaphragm Materials*

TITANIUM

*Excitation*

5 VDC

*Pressure Range*

2000 PSIA

*Excitation Type*

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 ± .09% FS BFSL
0 PSIA	.08	-.03	.08		.11%	
1000 PSIA	52.64	52.56	52.45	.19%	.08%	
2000 PSIA	104.81		104.81			
SENSITIVITY	104.73					

**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	.19	-.01	-.04	35°F to 75°F	-.19%FS	1.20%FS
2000 PSIA	103.76	104.82	104.81	75°F to 75°F	-.03%FS	.02%FS
Sensitivity	103.57	104.83	104.85	AVERAGE	± .003% FS/°F	± .015% FS/°F

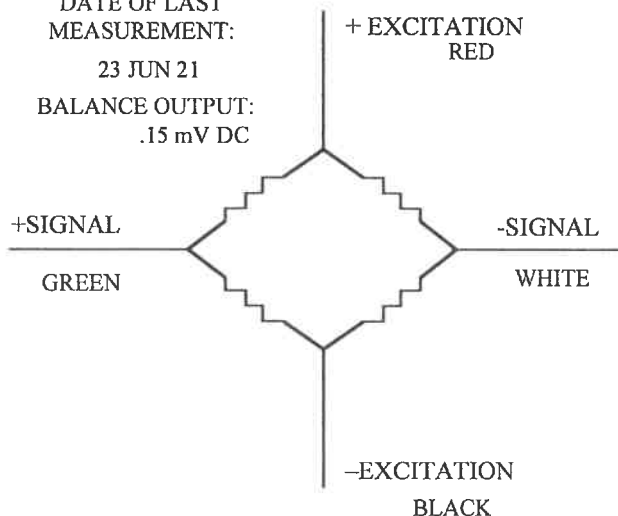
## **Notes**

DATE OF LAST  
MEASUREMENT:

23 JUN 21

BALANCE OUTPUT:

.15 mV DC



INPUT RESISTANCE 1744 Ohms

OUTPUT RESISTANCE 772 Ohms

*Data Entered and Reviewed By*

THARIN THAV

*Date Data Entered*

1 July 2021