



# **PRESSURE TRANSDUCER CALIBRATION DATA**

<i>Customer</i>	<i>Date</i>
TELEDYNE BENTHOS	3 MAR 17
<i>Model Number</i>	<i>Serial Number</i>
141698-2000A	111950

<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>
						1 FEB 17
Pressure	Increase	Decrease	Ideal	Linearity (%FS)	Hysteresis (%FS)	STATIC ERROR BAND ± .05% FS BFSL
0 PSIA	.97	.92	.97		.05%	
1000 PSIA	51.17	51.12	51.07	.10%	.05%	
2000 PSIA	101.16		101.16			
SENSITIVITY	100.19					

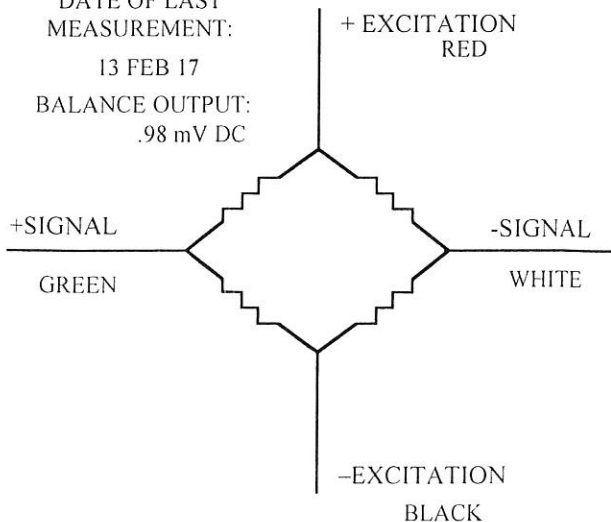
Thermal Calibration Data    all readings are in mV DC						<i>Date of Thermal Calibration</i>
						1 FEB 17
	Low Temp.	Ambient	High Temp	Temperature Range	Thermal Balance Shift	Thermal Sensitivity Shift
Temperature	30 °F	75 °F	130 °F			
0 PSIA	.91	.93	1.08	30°F to 75°F	.02%FS	-.03%FS
2000 PSIA	101.15	101.14	101.02	75°F to 130°F	.15%FS	-.27%FS
Sensitivity	100.24	100.21	99.94	AVERAGE	± .001% FS/°F	± .001% FS/°F

## **Notes**

DATE OF LAST MEASUREMENT:

13 FEB 17

BALANCE OUTPUT:  
.98 mV DC



INPUT RESISTANCE    1843 Ohms  
OUTPUT RESISTANCE    807 Ohms

<i>Data Entered and Reviewed By</i>	<i>Date Data Entered</i>
Dennis Adkinson	13 February 2017