



PRESSURE TRANSDUCER CALIBRATION DATA

<i>Customer</i> Teledyne Benthos Inc.	<i>Date</i> 29 MAR 22
<i>Model Number</i> 141698A-2000A	<i>Serial Number</i> 131926

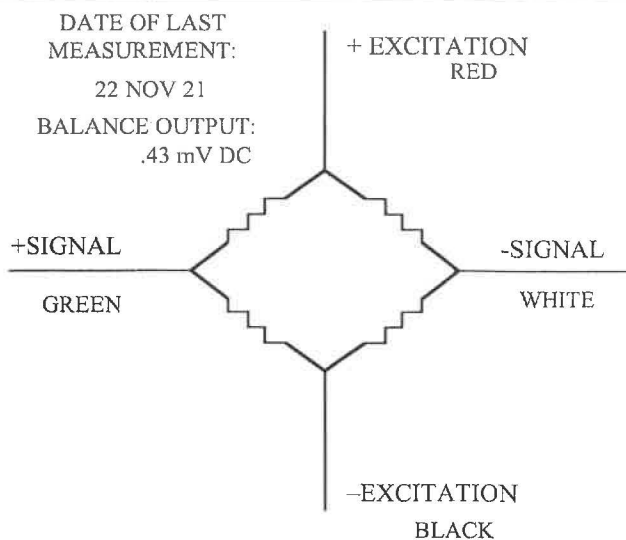
<i>Diaphragm Materials</i> TITANIUM	<i>Excitation</i> 5 VDC	<i>Pressure Range</i> 2000 PSIA	<i>Excitation Type</i> Constant Voltage
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Pressure Calibration Data all readings are in mV DC						<i>Date of Pressure Calibration</i> 10 NOV 21
Pressure	Increase	Decrease	Ideal	Linearity (%FS)	Hysteresis (%FS)	STATIC ERROR BAND ± .07% FS BFSL
0 PSIA	.37	.32	.37		.05%	
1000 PSIA	52.95	52.89	52.80	.15%	.06%	
2000 PSIA	105.22		105.22			
SENSITIVITY	104.85					

Thermal Calibration Data all readings are in mV DC						<i>Date of Thermal Calibration</i> 10 NOV 21
	Low Temp.	Ambient	High Temp	Temperature Range	Thermal Balance Shift	Thermal Sensitivity Shift
Temperature	35 °F	75 °F	75 °F			
0 PSIA	.20	.32	.30	35°F to 75°F	.11%FS	1.44%FS
2000 PSIA	103.58	105.21	105.19	75°F to 75°F	-.02%FS	0.00%FS
Sensitivity	103.38	104.89	104.89	AVERAGE	± .001% FS/°F	± .018% FS/°F

Notes

P.O. No. 298352
Micron S.O. 21-427



INPUT RESISTANCE 1772 Ohms
OUTPUT RESISTANCE 798 Ohms

<i>Data Entered and Reviewed By</i> Bryan Pierce	<i>Date Data Entered</i> 22 November 2021
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