PRESSURE TRANSDUCER CALIBRATION DATA

MICRON INSTRUMENTS

Customer	Date
TELEDYNE BENTHOS,	17 MAR 11
Model Number	**Serial Number**
MP50A-2000A	86508

Diaphragm Materials	Excitation	Pressure Range	Excitation Type
TITANIUM	5 VDC	2000 PSIA	CONSTANT VOLTAGE

Pressure Calibration Data

all readings are in mV DC

Date of Pressure Calibration: 11 MAR 11

STATIC ERROR BAND: ± 0.12% FS BFSL

Pressure	Increase	Decrease	Ideal	Linearity (%FS)	Hysteresis (%FS)
0 PSIA	0.07	-0.03	0.07		0.10%
1000 PSIA	51.54	51.29	51.29	0.24%	0.24%
2000 PSIA	102.51		102.51		
SENSITIVITY	102.44				

Thermal Calibration Data

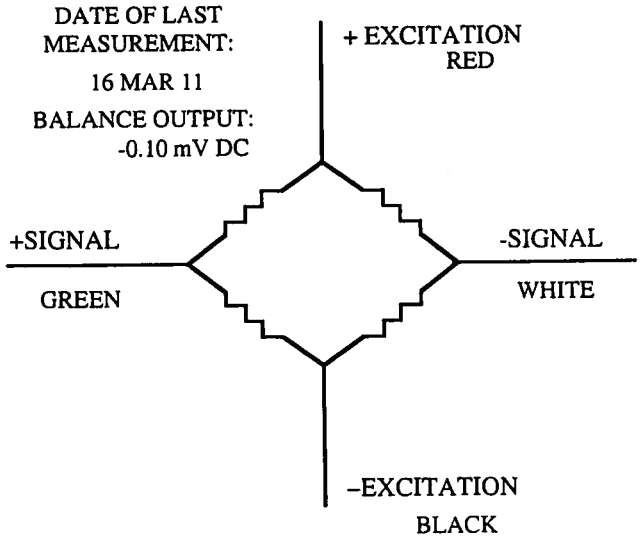
all readings are in mV DC

Date of Thermal Calibration: 11 MAR 11

	Low Temp.	Ambient	High Temp	Temperature Range	Thermal Balance Shift	Thermal Sensitivity Shift
Temperature	30°F	75 °F	130 °F			
0 PSIA	0.01	0.01	-0.26	30°F to 75°F	0.00%FS	0.74%FS
1000 PSIA	101.96	102.72	102.33	75°F to 130°F	-0.26%FS	-0.12%FS
Sensitivity	101.95	102.71	102.59	AVERAGE	± 0.001% FS/°F	± 0.004% FS/°F

Notes

DATE OF LAST MEASUREMENT:
16 MAR 11
BALANCE OUTPUT:
-0.10 mV DC



INPUT RESISTANCE 1640 Ohms
OUTPUT RESISTANCE 773 Ohms

Data Entered and Reviewed By	Date Data Entered
Dennis Adkinson	17 March 2011

4509 Runway Streeet, Simi Valley, CA 93063 (805) 522-4676 • FAX (805) 522-4982 • e-mail sensors@microninstruments.com