

CALIBRATION CERTIFICATE NUMBER 2000006

MODEL PURCHASING DATA

Customer Name: UNLIKELY NAME, CO.

Model: RTM 2020(24-1)

Serial: 2020.0001

Factory Ref#: 00291-V

P.O.#: XYQ2

Assessed Condition: New

CALIBRATION ELECTRONICS DATA

Model Number: 768 (In-House)

Serial Number: 533

Amp Model: DCSA (In-House)

Cable: 224-3642 20 ft. (In-House)

Cal Resistor: 110 Kohm**COUNTERCLOCKWISE DATA**

Applied lbf-in	Output mV/V Incr. decr.
0.00	0.00006 -0.00047
24.98	0.16367 0.16381
49.96	0.32768 0.32802
74.95	0.49161 0.49217
99.93	0.65570 0.65635
124.91	0.81973 0.82045
149.89	0.98391 0.98465
174.87	1.14796 1.14879
199.86	1.31217 1.31271
224.84	1.47642 1.47690
249.82	1.64073

CLOCKWISE DATA

Applied lbf-in	Output mV/V Incr. decr.
0.00	-0.00010 0.00106
24.98	-0.16328 -0.16306
49.96	-0.32699 -0.32698
74.94	-0.49075 -0.49072
99.93	-0.65456 -0.65453
124.91	-0.81827 -0.81840
149.89	-0.98207 -0.98199
174.87	-1.14573 -1.14568
199.85	-1.30937 -1.30935
224.83	-1.47247 -1.47268
249.81	-1.63596

This calibration was done in accordance to S. Himmelstein procedure 223-1059 rev. F.

Equivalent Shunt Calibration**Output at 240.00 lbf-in**

COUNTERCLOCKWISE DATA

122.54 lbf-in

1.5762 mV/V

CLOCKWISE DATA

-121.24 lbf-in

-1.5716 mV/V

This transducer meets specification B2 as defined in 223-1208 rev. D.**The expanded uncertainty for the calibration data in this report is +/-0.030% of full scale.**

Expanded uncertainty calculated by multiplying the combined standard uncertainty by a coverage factor, k, of 2. Thus the confidence level for the uncertainty is 95%. The combined standard uncertainty was determined, per NIST Technical Note 1297, as described in document 223-1207 rev D. If system uses equipment other than that shown on this report, said equipment must be considered in computing uncertainty.

NIST TRACEABLE STANDARDS

Arm: M05

mV/V std: MV105

DMM: E02

Wts.: W12

Calibration reports on file.



NVLAP LAB CODE 200487-0
Complies with ISO-17025

Calibrated at S. Himmelstein and Co. metrology lab.

2490 Pembroke Ave. Hoffman Estates, IL

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Pins	Ohms
A-D	352
B-C	352
E-F	352
A-F	265
F-D	265
D-E	263
E-A	266

OTHER DATA

Temp °F: 72.6 DAQ: DQ2

Fixture: F19

Cal Date: 6/22/2010

Calibration Technician

NM

Report V3.1 rev NC

Approved by :

Tom Marek/ Cal Lab Supervisor

06/ 22/ 10

month / day / year