



# Calibration Certificate

Technician: JR  
 Part No: 239105-09  
 Model: 239

Serial No: 6207430 Range: -7.5 to 7.5 IN WC  
 Work Order: 5732450 Output: -2.5 to 2.5 VDC  
 Date: 10/02/200 Supply: 24 VDC

## CALIBRATION DATA

APPLIED PRESSURE (IN WC)	TRANSDUCER OUTPUT (VDC)	NONLINEARITY ERRORS (% FS)	EXTRAPOLATED ERRORS (% FS)
-7.5155	-2.5062	0.061	Zero -0.061
-5.9891	-2.0022	-0.034	
-4.4819	-1.5012	-0.061	Span 0.033
-2.9745	-0.9966	-0.019	
-1.4637	-0.4918	0.005	
0.0079	-0.0004	0.024	
1.5468	0.5131	0.036	
3.0194	1.0044	0.046	
4.5180	1.5041	0.048	
6.1361	2.0439	0.059	
7.5009	2.4989	0.061	

## SPECIFICATIONS

1. Nonlinearity: +/- 0.1 %FS, BEST FIT STRAIGHT LINE method, ISA.#S-37.1
2. Zero pressure output: 0 VDC +/- 0.4 %FS
3. Full Scale output: 5 VDC +/- 0.4 %FS
4. This unit meets the specifications defined above.

## NOTES

1. All errors are expressed as: Percent Full-Scale output.
2. Consult specification sheet for additional specifications.
3. This calibration is certified per N.I.S.T. traceable primary standards.  
 NIST# 822/263871-00 PG-243  
 Transfer standard: 23911D21.20, Location of cal.: pcha06
4. This part uses spec. record number: 239105-09.25
5. This certificate cannot be reproduced except in full, without the written approval of Setra Systems, Inc.