



# Calibration Certificate

Part No: 23917R5WB1F2C0293N  
Range: -7.5 to 7.5 IN WC  
Output: 0 to 10 VDC

Serial No: 6937826  
Work Order: 24269920  
Date: 08/02/2016

Tech.: SM *SM*  
Model: 239  
Supply: 24 VDC

## CALIBRATION DATA

APPLIED PRESSURE (IN WC)	TRANSDUCER OUTPUT (VDC)	NONLINEARITY ERRORS (% FS)	EXTRAPOLATED ERRORS (% FS)
-7.3517	0.1062	0.014	Zero 0.039
-5.8570	1.1004	-0.006	
-4.3895	2.0776	-0.014	Span -0.029
-2.8900	3.0770	-0.014	
-1.3706	4.0902	-0.009	
0.1311	5.0913	-0.005	
1.6493	6.1039	0.002	
3.0673	7.0489	0.001	
4.6425	8.0987	0.001	
6.1129	9.0788	0.002	
7.5463	10.0353	0.014	

## SPECIFICATIONS

1. Nonlinearity: +/- 0.05 %FS, BEST FIT STRAIGHT LINE method, ISA.#S-37.1
2. Zero pressure output: 5 VDC +/- 0.4 %FS
3. Full Scale output: 10 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# FlukeRpt#1500172044  
Transfer standard: 23911D22.41, Location of cal.: PCHA02
4. This part uses spec. record number: 23917R5WB1F2C0293N.1
5. This certificate cannot be reproduced except in full, without the written approval of Setra Systems, Inc.

## COMMENTS