



**Measurement
Solutions LLC**

SENSORS - TRANSDUCERS - SIGNAL CONDITIONING - DATA ACQUISITION - SYSTEMS INTEGRATION

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Calibration Report

Model	MSPT30	Accuracy	0.25 %FS	Ambient temp. (°C)	23	
Range	0-10K psi	Power	10 VDC	Ambient humidity (%RH)	30	
Output	2.481 mV/V	SN	D1A04186	Ambient pressure (kPa)	102	
Testing data records						
Testing point		Actual output (mV)		Average (mV)	Comparing value (mV)	Theory value (mV)
Pressure (PSI)	Cycle	1st round	2nd round			
0	Ascend	-0.122	-0.120	-0.121	0.000	0.000
	Descend	-0.115	-0.112	-0.114	0.000	
2000	Ascend	4.800	4.812	4.806	4.927	4.962
	Descend	4.812	4.820	4.816	4.930	
4000	Ascend	9.761	9.782	9.772	9.893	9.924
	Descend	9.774	9.791	9.783	9.896	
6000	Ascend	14.721	14.735	14.728	14.849	14.886
	Descend	14.735	14.748	14.742	14.855	
8000	Ascend	19.681	19.695	19.688	19.809	19.848
	Descend	19.692	19.705	19.699	19.812	
10000	Ascend	24.688	24.690	24.689	24.810	24.810
	Descend	24.691	24.695	24.693	24.807	
Non-linearity (%FS)		0.16%		Hysteresis (%FS)		0.05%
Resistance (MΩ)		≥100		Repeatability (%FS)		0.08%
					RSS (%FS)	0.19