

Epsilon Extensometer Calibration Certificate

Model: 3543-250M-050M-ST	Date: 3-Feb-09
Extensometer S/N: E86281	
Gage Length: 250 mm	Travel: 50 mm

Travel (mm)	Output (mV)	
	Up	Down
0.000	0.001	0.020
10.000	7.281	7.297
20.000	14.573	14.594
30.000	21.855	21.878
40.000	29.128	29.143
50.000	36.385	36.385

Linearity (best fit)=	-0.041 % F.S.
Full Scale Span (best fit)=	36.392 millivolts
Full Scale Span (best fit)=	3.639 mV/V
Max Hysteresis =	0.063 % F.S.
Slope =	0.728 mV/mm
Intercept =	0.008 mV
Zero Output (pin in):	-0.10 mV
Span (end pt):	3.638 mV/V
Excitation Voltage:	10.000 VDC

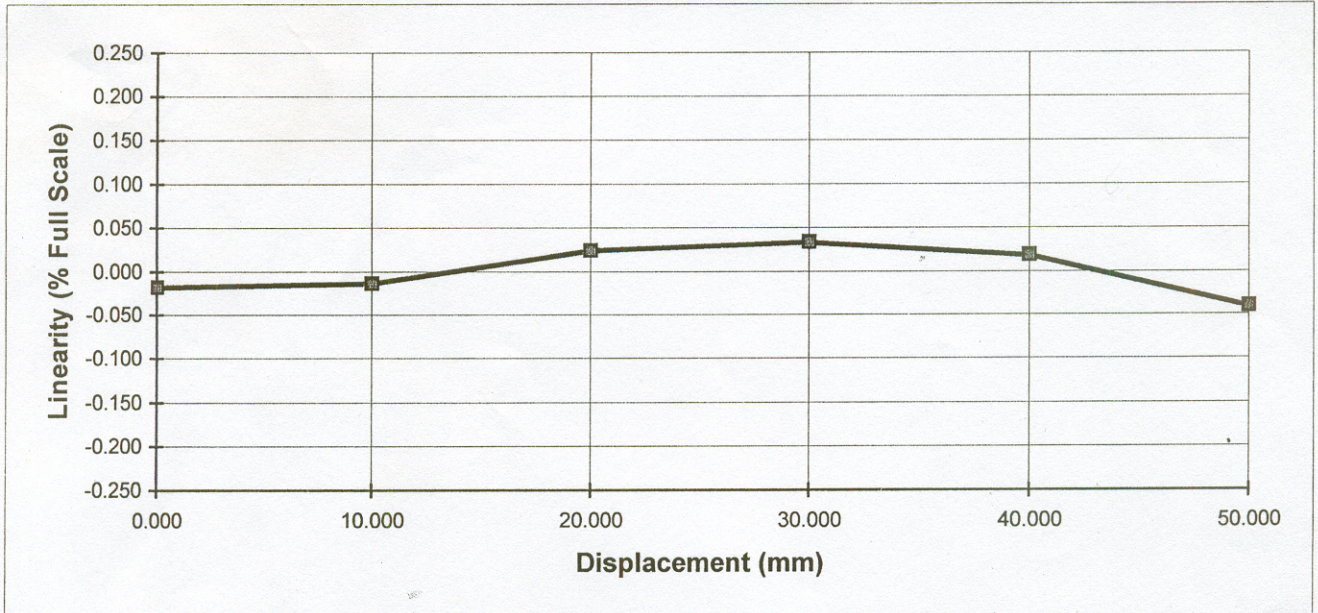
Connections for + output on tension:

FUNCTION	PIN	COLOR
Excitation (+)	1	Red
Excitation (-)	2	Black
Output (+)	3	Green
Output (-)	4	White
Shield	5	

AMP CPC with-
Mate to bare leads

Shunt Calibration Data:	
Shunt Resistor:	30,000 ohms
Shunted Reading:	1.430 mV/V
Shunted Reading:	7.86 % strain
(Resistor between RED and GREEN pins)	

Meter: Agilent 34401A	S/N: MY45007576
Calibrator: Epsilon 3590	S/N: A3761
Traceable to NIST standards	



Calibrated by: ZNF

Date: 02-03-09

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