

Epsilon Extensometer Calibration Certificate

Model: 3542-200M-006-ST	Date: 21-Jan-03
Extensometer S/N: E82140	
Gage Length: 200 mm	Travel (Tens): +12.mm
	Compression: -12.mm

Travel (mm)	Output (mV)	
	UP	DOWN
0.000	-0.085	-0.095
2.400	5.547	5.521
4.800	11.213	11.181
7.200	16.905	16.875
9.600	22.609	22.594
12.000	28.329	28.329

Linearity (best fit)=	0.138 % F.S.
Full Scale Span (best fit)=	28.421 millivolts
Full Scale Span (best fit)=	2.842 mV/V
Max Hysteresis =	-0.113 % F.S.
Slope =	2.368 mV/mm
Intercept =	-0.124 mV
Zero Output (with pin in):	-0.08 mV
Tension Span (end pt):	2.841 mV/V
Compression span (ep):	-2.769 mV/V
Excitation Voltage:	10.000 VDC

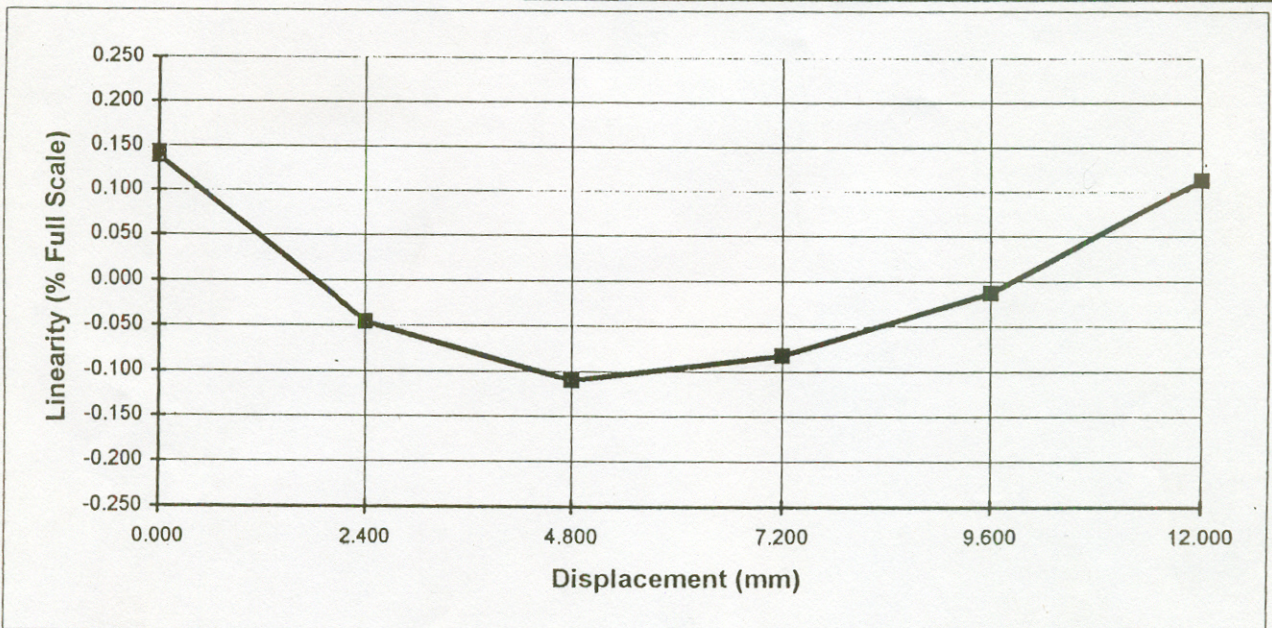
Connections for + output on tension:

FUNCTION	PIN	COLOR
Excitation (+)	NA	Red
Excitation (-)	NA	Black
Output (+)	NA	Green
Output (-)	NA	White
Shield	NA	

Shunt Calibration Data:	
Shunt Resistor:	60,000 ohms
Shunted Reading:	1.455 mV/V
Shunted Reading:	3.071 % strain
(Resistor between RED and GREEN pins)	

Meter:	Fluke 8840A	S/N: 6155009
Calibrator:	Epsilon 3590	S/N: A3761
Traceable to NIST standards		

no connector



Calibrated by: MP

Date: 01/21/03

Epsilon Technology Corp.
3975 S. Hwy 89, Jackson, WY 83001, USA

307-733-8360
FAX 307-733-8375