

CURRENT MONITOR CERTIFICATE OF CALIBRATION

Purchase Order:	PEI-7777	Certificate:	6629
Customer:	Pearson Electronics, Inc. 1860 Embarcadero Road Palo Alto, CA 94303	Model:	2878
Contact:	Chris Waters	Serial Number:	88888

Calibration Date:	04/22/02	Temperature:	76°F
Due Date:	04/22/03	Humidity:	46%

TEST DATA

Amplitude Error:	0.43	%
Droop Rate:	0.0044	% / μ second
Polarity:	as marked	
Useable Rise-time:	0.005	μ second
Tolerance condition upon receipt:	IN	
Comments:		

Pearson Electronics certifies that the above Current Monitor meets or exceeds all published specifications, except as noted above, and has been calibrated using standards and instruments whose accuracies are traceable to the National Institute of Standards and Technology. The policies and procedures at this facility comply with MIL-STD-45662A. The assigned accuracy capability for the amplitude error test standards is 0.1%. For models which use silicon-steel cores, the initial permeability of the magnetic material is substantially lower than its value in the normal operating range of the current monitor. Since relatively low currents are used for testing, the droop measurement on these models is considered acceptable if it is less than a factor of two over the specified value.

Calibration Test Procedure: Pearson documents 754-004, 754-005, 757-006, and 754-010
Calibration Equipment used:

Model type	ID number	Cal date	Due date
TEK FG504 function generator	B043793	07-11-01	07-11-02
HP 54615B oscilloscope	US35420258	05-11-01	05-11-02
Biddle 601243 resistor	35491	09-25-01	09-25-02
Biddle 601230 resistor	34983	09-25-01	09-25-02
Biddle 601235 resistor	35785	09-25-01	09-25-02

Certified by _____
Christopher A. Waters, Quality Assurance

Form 740-022