

DATAFORTH CORPORATION
 3331 E. Hemisphere Loop
 Tucson, AZ 85706 USA

Phone: (520) 741-1404
 Fax: (520) 741-0762
 email: info@dataforth.com

TEST DATA SHEET

Date: 08-30-2012
 Model: SCM5B31-02
 SN: 81974-1

ACCURACY TEST

Vin (V)	Calculated Vout (V)	Measured Vout (V)*	Error (%)	Status
-5.000	-5.000	-5.000	+0.000	PASS
-2.499	-2.499	-2.500	-0.005	PASS
-0.000	-0.000	+0.000	+0.002	PASS
+2.500	+2.500	+2.501	+0.006	PASS
+5.000	+5.000	+5.002	+0.012	PASS

FINAL TEST RESULTS

Parameter	Measured Value	Specification	Status
Supply Current, Nom	15.1 mA	< 30 mA	PASS
Output Resistance	19 ohms	< 55 ohms	PASS
Linearity	0.004 %	+/- .03 %	PASS
Accuracy	0.012 %	+/- .08 %	PASS
Supply Sensitivity	155 uV/%	+/- 600 uV/%	PASS
Frequency Response	52.2 dB	61+/-16 dB	PASS
Step Response	99.9 %	85 to 110 %	PASS
Output Noise	103 uVrms	< 400 uVrms	PASS
240 VAC Withstand			PASS
Hi-Pot			PASS

Check List

Module Appearance: X Mounting Screw: X
 Pins Straight: X Module Header: X

It is hereby certified that the above product is in conformance with all requirements to the extent specified. This product is not authorized or warranted for use in life support devices and/or systems.

* NIST traceable calibration certificates support Measured Value data. Calibration services are available through ANSI/NCSL Z540-1 and ISO Guide 25 Certified Metrology Labs.