



ENGLISH

VOLTAGE/CURRENT CALIBRATOR

Model : 123-8769



FEATURES

* The instruments Powers or Measure a two-wire current loop. Four function provide the quality and accuracy of handheld calibrator : a. Precision current source. b. Measurement of a current signal. c. Power and measurement of two wire loop. d. Precision DC mV source.	* Portable instrument for calibrating process devices and measuring process signals.
	* Adjustable 0-24 mA current source.
	* Adjustable -199.9 mV to +1.99.9 mV DC voltage source.
	* Current calibrator drives loads up to 500 ohms.

GENERAL SPECIFICATIONS

Display	LCD display, max. display counts 1999. 13 mm (0.5") digit size.	Operating Temperature & Humidity	0°C to 50°C (32°F to 122°F). Less than 80% RH.
Function	1) Current source 2) Current measurement 3) Power and current measurement of two wire loop 4) DC mV source	Power Supply	006P DC 9V, MN1604/PP3 battery or equivalent. Alkaline type or heavy duty type.
		Dimension	185 x 78 x 38 mm (7.3 x 3.0 x 1.5 inch).
		Weight	265 g/0.58 LB (including battery).
		Accessories Included	Operational manual..... 1 PC. Cable with the alligator pairs (red & black), LN-TL421..... 1 PC.
Sampling Time	Approx. 0.4 second.		

ELECTRICAL SPECIFICATION (23 ± 5 °C)

<i>Current source</i>			<i>Current measurement</i>		
Range	Display Resolution	Accuracy	Range	Display Resolution	Accuracy
0 - 19.99 mA	0.01 mA	± (0.25 % FS + 1 d)	0 - 19.99 mA	0.01 mA	± (0.25 % FS + 1 d)
0 - 24 mA	0.1 mA	± (0.5 % FS + 1 d)	0 - 24 mA	0.1 mA	± (0.5 % FS + 1 d)
<i>Power and current measurement of two wire loop</i>			<i>DC mV source</i>		
Range	Display Resolution	Accuracy	Range	Display Resolution	Accuracy
0 - 19.99 mA	0.01 mA	± (0.25 % FS + 1 d)	- 199.9 mV to + 199.9 mV	0.1 mV	± (0.25 % FS + 1 d)
0 - 24 mA	0.1 mA	± (0.5 % FS + 1 d)			
* Provides power DC 12V 2 V to the loop and measures current.			* Output measured load impedance should > 1 K ohms.		
* FS : full scale			* FS : full scale		

* Appearance and specifications listed in this brochure are subject to change without notice.

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