

CX102B MINI LED PANEL METER

FEATURES

- 200mV DC INPUT (SCALABLE 20,200,500)
- 10M Ω INPUT IMPEDANCE
- SELECTABLE DECIMAL POINT
- AUTO POLARITY
- AUTO ZERO
- 5VDC POWER
- EASY CLIP MOUNTING



SPECIFICATIONS

MAX INPUT:	199.9 mV	CONNECTIONS:	10PIN HEADER
INPUT IMPEDANCE:	10M Ω	MAX DISPLAY:	1999 COUNTS
SUPPLY INPUT:	5VDC	ACCURACY:	+0.1% (23° +- 5° < 80% RH)
	Isolated from Input	SUPPLY CURRENT:	1mADC
CONVERSION TYPE:	DUAL SLOPE	CONVERSION RATE:	2.5/SEC.
DISPLAY:	3-1/2 DIGIT LCD	CHARACTER HT.:	.5in
OVERRANGE:	"1" SHOWN ON DISPLAY	METER SIZE:	60.3MM X 25MM X 25MM
DECIMALSELECT:	3 POS. JUMPER SELECT		

SETUP & OPERATION

- 1: USING CX SCALE BOARD (RECOMMENDED)**
- A: Solder Bridge Decimal point Enable J1
 - B: Solder Bridge DP1-3 as needed
 - C: Solder Bridge Required Range (all others Open)
 - D: Connect 7-11VDC Power Supply
 - E: Connect leads to source to be measured
 - F: Carefully insert onto pins on Meter
- 2: CONNECTIONS WITHOUT SCALE BOARD**
- A: Solder Decimal Pt. jumpers as required
 - B: Solder resistors to pins as shown below

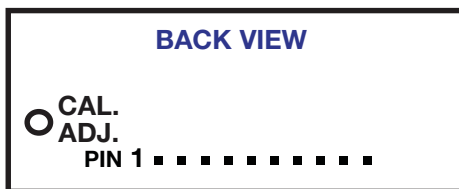
Input	RA	RB
20V	9.9M	100K
200V	9.99M	10.0K
1KV	9.999M	1.00K

Scaling resistors RA/RB (Not Supplied)
Scaling Resistors: 1/2W 0.5% Metal film

- C: Connect 5VDC Power Supply leads
- D: Connect leads from source to be measured

CALIBRATION

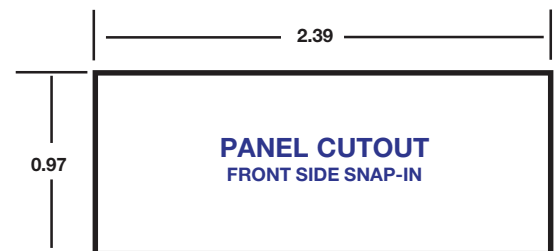
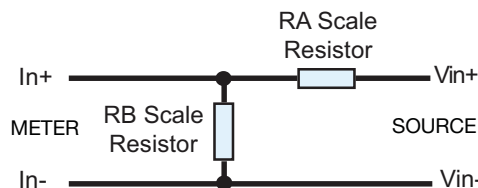
Input a voltage from calibration source
Adjust control through hole in case until reading equals that of calibration source.



PIN DESIGNATIONS

Pin1: V+ Power	Pin6: D.P. 3 (xxx.x)
2: V- Power	7: Input +
3: D.P. Common	8: Input -
4: D.P. 1 (x.xxx)	9: N.C.
5: D.P. 2 (xx.xx)	10: N.C.

- 1 V+ ■ connect to 5V
- V- ■ power source
- D.P. COM ■
- D.P. 1 ■ connect one
- D.P. 2 ■ to D.P. Com.
- D.P. 3 ■ to turn on D.P.
- IN + ■ IN +
- 10 IN - ■ IN -



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