

# 15977-PM LCD PANEL METER

## FEATURES

- 200mV DC INPUT (SCALABLE 20,200,500)
- 100M  $\Omega$  INPUT IMPEDANCE
- SELECTABLE DECIMAL POINT
- AUTO POLARITY
- AUTO ZERO
- 5VDC POWER
- EASY MOUNTING



## SPECIFICATIONS

MAX INPUT:	199.9 mV	MAX DISPLAY:	1999 COUNTS
INPUT IMPEDANCE:	100M $\Omega$	ACCURACY:	+0.5% (23° +- 5° < 80% RH)
SUPPLY INPUT:	5VDC	SUPPLY CURRENT:	1mADC
	-Power & -Input are Common	CONVERSION RATE:	2-3/SEC.
CONVERSION TYPE:	DUAL SLOPE	CHARACTER HT.:	.5in
DISPLAY:	3-1/2 DIGIT LCD	METER SIZE:	70MM X 40MM X 23MM
OVERRANGE:	"1" SHOWN ON DISPLAY		
DECIMALSELECT:	3 POS. JUMPER SELECT		

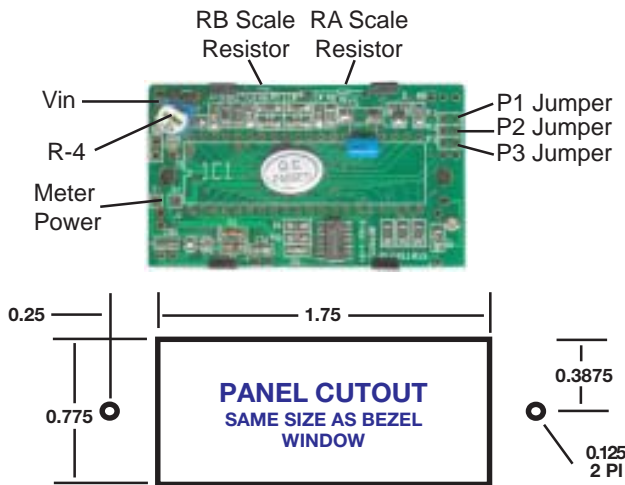
## SETUP & OPERATION

- A: Install Decimal point jumper as needed
- B: Remove RB Jumper and install Scaling resistors RA/RB (Not Supplied) as required SEE CHART
- Scaling Resistors: 1/2W 0.5% Metal film
- C: Connect 5VDC Power Supply
- D: Connect source to be measured

MAX INPUT	VOLTAGE DIVIDER	DECIMAL POINT
200mV	None Leave RB Jumper	P1
20V	Remove RB Jumper Install RA: 100K Ohm Install RB: 9.9M Ohm	P2
200V	Remove RB Jumper Install RA: 10K Ohm Install RB: 9.99M Ohm	P1
500V	Remove RB Jumper Install RA: 1K Ohm Install RB: 9.999M Ohm	None

## CALIBRATION

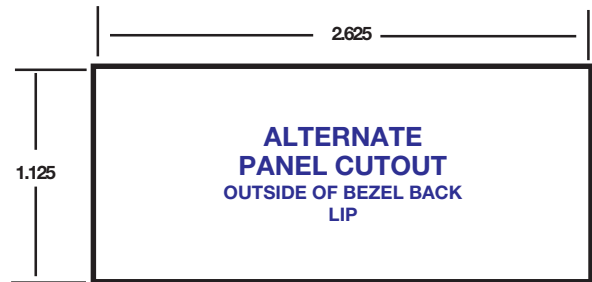
Input a voltage from calibration source equal to 1/2 of the full scale range. Adjust R4 until reading equals that of calibration source.



**1.9.9.9**

P P P  
3 2 1

DECIMAL POINT LOCATION



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