

6929 ME LCD PANEL METER

FEATURES

- 200mV DC INPUT (SCALABLE 20,200,500)
- 100M Ω INPUT IMPEDANCE
- SELECTABLE DECIMAL POINT
- AUTO POLARITY
- AUTO ZERO
- 7-11VDC POWER
- EASY MOUNTING



SPECIFICATIONS

MAX INPUT: 199.9 mV
INPUT IMPEDANCE: 100M Ω
SUPPLY INPUT: 7-11VDC (9VDC NOMINAL)
 Isolated from Input
CONVERSION TYPE: DUAL SLOPE
DISPLAY: 3-1/2 DIGIT LCD
OVERRANGE: "1" SHOWN ON DISPLAY
DECIMALSELECT: 3 POS. JUMPER SELECT

MAX DISPLAY: 1999 COUNTS
ACCURACY: $\pm 0.5\%$ (23° $\pm 5^{\circ}$ $< 80\%$ RH)
SUPPLY CURRENT: 1mADC
CONVERSION RATE: 2-3/SEC.
CHARACTER HT.: .5in
METER SIZE: 70MM X 40MM X 23MM

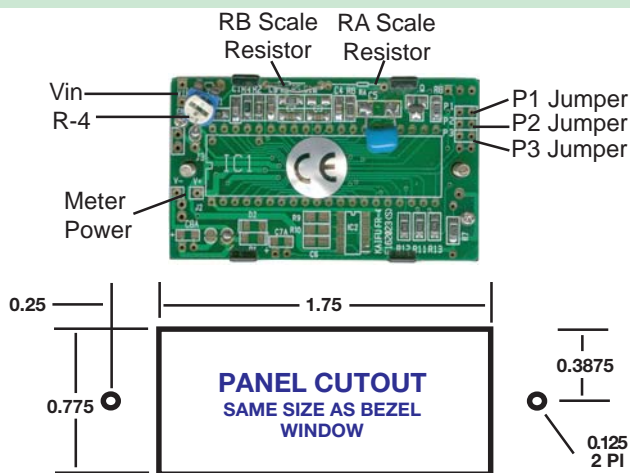
SETUP & OPERATION

- 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 7-11VDC 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

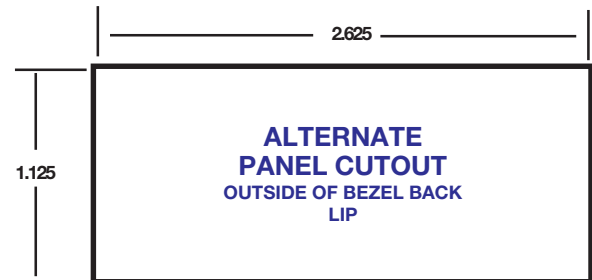
Input a voltage from calibration source equal to 1/2 of the full scale range. Adjust R4 until reading equals that of calibration source.



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P P P
3 2 1

DECIMAL POINT LOCATION



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