

PM129A LED 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 RED LED
OVERRANGE: "1" SHOWN ON DISPLAY
DECIMALSELECT: 3 POS. JUMPER SELECT

MAX DISPLAY: 1999 COUNTS
ACCURACY: $\pm 0.5\%$ ($23^\circ \pm 5^\circ < 80\% RH$)
SUPPLY CURRENT: 60mADC
CONVERSION RATE: 2-3/SEC.
CHARACTER HT.: .56in
METER SIZE: 70MM X 45MM X 23MM

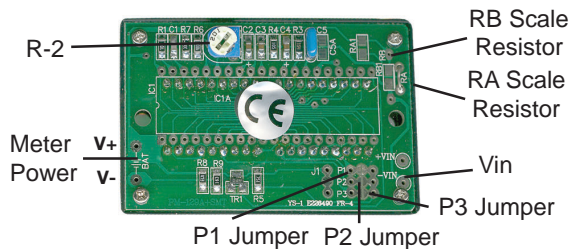
SETUP & OPERATION

- A: Install Decimal point jumper as needed
- B: Remove RA 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	P3
20V	Remove RA Jumper Install RA: 9.9M Ohm Install RB: 100K Ohm	P2
200V	Remove RA Jumper Install RA: 9.99M Ohm Install RB: 10K Ohm	P3
500V	Remove RB Jumper Install RA: 9.999M Ohm Install RB: 1K Ohm	None

CALIBRATION

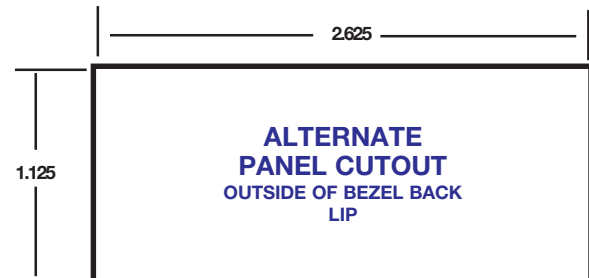
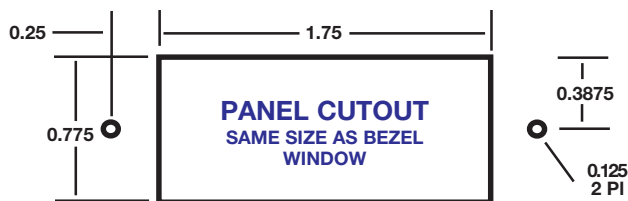
Input a voltage from calibration source equal to 1/2 of the full scale range. Adjust R2 until reading equals that of calibration source.



1.9.9.9

P P P
1 2 3

DECIMAL POINT LOCATION



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