

PM1029B LARGE CHAR. LED PANEL METER

FEATURES

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



SPECIFICATIONS

- MAX INPUT: 199.9 mV
- INPUT IMPEDANCE: 100M Ω
- SUPPLY INPUT: 5VDC
- CONVERSION TYPE: DUAL SLOPE
- DISPLAY: 3-1/2 DIGIT LED
- OVERRANGE: "1" SHOWN ON DISPLAY
- DECIMALSELECT: 3 POS. JUMPER SELECT

- MAX DISPLAY: 1999 COUNTS
- ACCURACY: $\pm 0.5\%$ ($23^\circ \pm 5^\circ < 80\% \text{ RH}$)
- SUPPLY CURRENT: 60mADC
- CONVERSION RATE: 2-3/SEC.
- CHARACTER HT.: .8in
- METER SIZE: 86MM X 42MM X 24MM

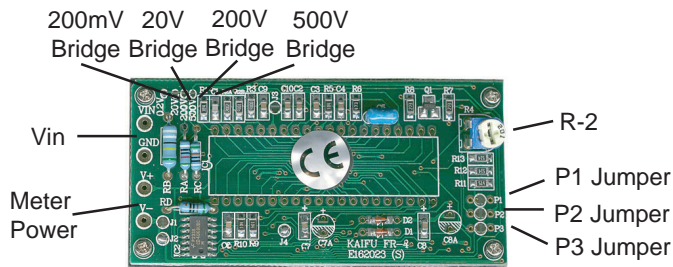
SETUP & OPERATION

- A: Install Decimal point jumper as needed
- B: Solder Bridge Required Range (all others Open)
SEE CHART
- C: Connect 5VDC Power Supply
- D: Connect source to be measured

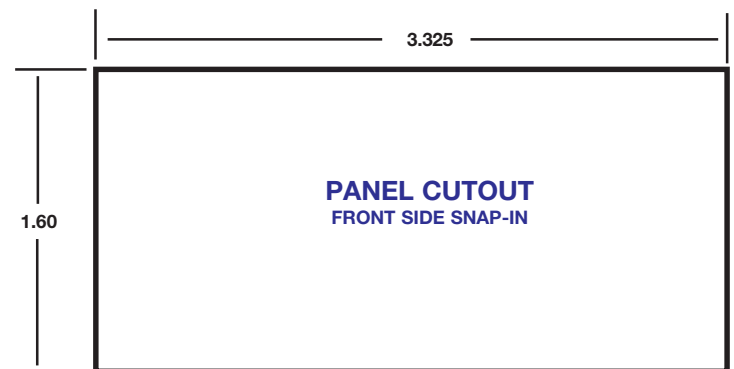
| MAX INPUT | VOLTAGE DIVIDER | DECIMAL POINT |
|-----------|--|---------------|
| 200mV | "200mV" Bridged (Factory setting) | P3 |
| 20V | Remove "200mV" Bridge Bridge "20V" | P2 |
| 200V | Remove any other Bridge Bridge "200V" | P3 |
| 500V | Remove any other Bridge Bridge "500V" | NONE |

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



MARLIN P. JONES & ASSOC., INC.

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