

This is a general purpose meter with many functions. To make this meter function with the DQ Antarctic receiver several jumpers must be installed first. Solder jumpers across J3 and J5 for 9V (nominal) operation. Jumper across DC and 200mV to select the 200mV DC range. Solder a wire jumper between N and ON to turn on the minus sign for negative numbers. These are the 2 outer holes, skipping over the middle "OFF" hole. Note that both the power minus and input minus must be connected to ground. Do not jumper P1, P2, or P3. BE CAREFUL TO GET POWER POLARITY CORRECT OR THE METER WILL BE TOAST!

PM128E LCD MULTIFUNCTION PANEL METER



FEATURES

- SELECTABLE FUNCTION: VOLTS AC/DC OR mA DC
- 100M Ω INPUT IMPEDANCE
- SELECTABLE DECIMAL POINT
- SELECTABLE 5V OR 9VDC POWER
- EASY MOUNTING

SPECIFICATIONS

MAX INPUT:	500V AC/DC (RANGE DEPENDENT)	DECIMALSELECT:	3 POS. JUMPER SELECT
INPUT IMPEDANCE:	1M Ω (VOLTAGE, 1 Ω CURRENT)	MAX DISPLAY:	1999 COUNTS
VOLTAGE BURDEN:	.2V @ 200mA (1 Ω SHUNT)	ACCURACY:	$\pm 1\%$ ± 4 COUNTS
SUPPLY INPUT:	5V OR 9VDC (9V ISOLATED/5V SHARED COMMON)	SUPPLY CURRENT:	1mA DC
CONVERSION TYPE:	DUAL SLOPE	CONVERSION RATE:	2-3/SEC.
DISPLAY:	3-1/2 DIGIT LCD	CHARACTER HT.:	.5in
OVERRANGE:	"1" SHOWN ON DISPLAY	METER SIZE:	70MM X 40MM X 23MM

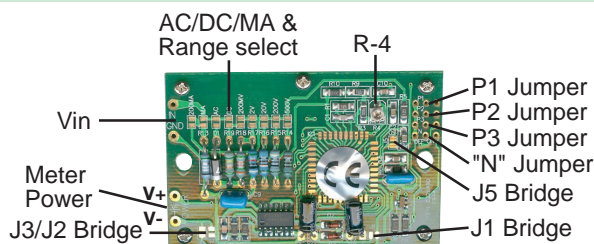
SETUP & OPERATION

- A:** Solder Bridge Power Selection
Iso. 9V or Shared Common 5V
- B:** Solder Bridge "AC", "DC" or "MA" Selection
- C:** Solder Bridge Required Range (all others Open)
- D:** Install Decimal point jumpers as needed
- E:** Connect Power Supply
- F:** Connect source to be measured

CALIBRATION

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

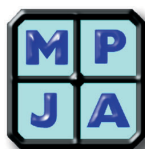
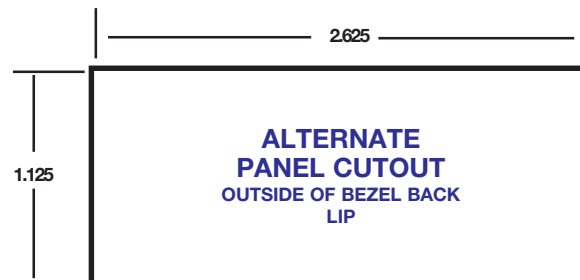
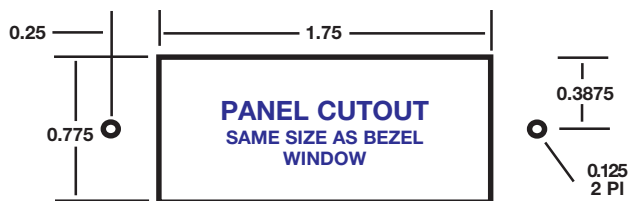
INPUT	FUNCTION/RANGE	DECIMAL JUMP.
POWER 5V 9V Iso.	"J-1&2 Bridged J-3&5 Open "J-1&2 Open J-3&5 Bridged	
200mADC	"200mA" & "MA" Bridged	P1 On P2,3 Off
VAC 200 500	"AC" Bridged and "200" Bridged or "500" Bridged	P1 On P2,3 Off All Off
VDC 200mV 2V 20V 200V 500V	"DC" Bridged and "200mV" Bridged or "2" Bridged or "20" Bridged or "200" Bridged or "500" Bridged	P1 On P2,3 Off P3 On P1,2 Off P2 On P1,3 Off P1 On P2,3 Off All Off
Display "-" sign on Negative input Value		"N" On



1.9.9.9

P P P
3 2 1

DECIMAL POINT
LOCATION



MARLIN P. JONES & ASSOC., INC.

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