PM128-E Owner's Manual

3-1/2 LCD DIGITAL PANEL METER (with build-in Voltage Divider)

This is a very popular display unit and can be used for varies applications such as Voltage meter, Amp meter, Temperature meter and many others.

Power Supply:

5V power supply: J1 and J2 close; J3 and J5 open.*
9V power supply: J1 and J2 open; J3 and J5 close.*

Signal Import:

Signal can be imported between the IN and GND connectors.

Range set up:

*Close the jumper for the designed range.

Examples:

1, Set up the meter to work as 200mV D.C display.

*Close the D.C and 200mV jumps and leave all of the other range jumps open.

2, set up the meter to work as 200mA DC display.

*Close the 200mA, DC and mA jumps and leave all the other range jumps open.

Decimal point and the "–" sign set up:

Short one of the P1, P2 or P3 jumper* for the designed decimal point position.

P1 ON* to have one digit after the decimal point, P2 ON* to have two digits after the decimal point and P3 ON to have three digits after the decimal point. N ON to display "–" sign.

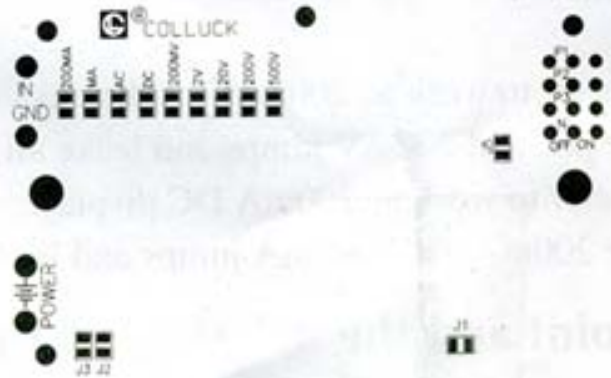
Specification:

Function	Range	Resolution	Accuracy**
A DC	200mA	100uA	±(0.8% reading + 3.5 digits)
V AC	200V	100mV	±(1% reading + 3.5 digits)
	500V	1V	
V DC	200mV	0.1mV	±(0.8% reading + 3.5 digits)
	2V	1mV	
	20V	10mV	
	200V	100mV	
	500V	1V	

Indication Method: 1999 count LCD display with automatic polarity indication.
Measuring Method: Dual-Slope Integration A-D converter system.
Over-range Indication: "1" displayed.
Sampling rate: 2-3/sec.
Input Impedance: over 10 M ohm.
Power Supply: 9 V DC or 5V DC.
Size: 68mm X 44mm

* Refer to the diagram of PM128-E.

** If the meter is ordered by setting to a specific range, the accuracy can be much high.



PM128E Diagram for Jumpers & connectors