

*3.5" Digital Jumbo LED Digital Panel Meter
PM-1029A (9V Independent Power Supply)
PM-1029B (5 V Common Ground Power Supply)*

1. Features:

Jumbo LED display. 20.3mm figure height.
Single 9V independent power supply (PM-1029A) Or single 5V common ground power supply (PM-10298)
Voltage divider resistors included and max . measured range selectable by soldering the selection joint.
Easy plug-in fixing method (84mmx41 mm rectangular hole typical)
Decimal point selectable by jumping on PCB
Automatic Polarity indication
Guaranteed zero reading for 0 volt input
High input impedance (> 10 MΩ)

2. APPLICATIONS

Voltmeter
Thermometer
Current Meter
Capacitance Meter
PH Meter Lux Meter
DB Meter
Watt Meter
LCR Meter
Other industrial & Domestic uses.

3. SPECIFICATIONS

Max reading: 1999 (3-1 /2 Digits) with automatic polarity.
Indication Method: LED Display
Measuring Method : Dual Slope integration A-D converter system
Overrange Indication: "1" shown in the display.
Reading Rate Time: 2-3 readings per seconds
Input Impedance: >10 Mn
Accuracy: ±0.5%(23°C±jC.<±0% RH)
Power Dissipation: 60mA DC typical.
Decimal Points: Selectable with wire jumper
Supply Voltage: PM-1029A:7-1 IV DC independent.
PM-10298: 5V DC common ground
Size: 85x41mm

4. OPERATION

A) Select the max. measuring range and decimal point jumping as follows:

Max. Voltage to be measured	Proper Voltage Divider Selection	Decimal Point Fixing Method
200mV	Shortcircuit 0.2V	Jump P3
20V	Shortcircuit 20V joint	Jump P2
200V	Shortcircuit 200V	Jump P3
500V	Shortcircuit 500V joint	-

B) Connect 7-11 V DC (independent for PM-1029A) or 5V DC (common ground, for PM-10298) power supply to panel meter. pay special attention to proper polarity, independent or common ground power Supply.

C) For ranges other than 200mV, make the right selection, input accurate 2/3 x max Voltage generated by calibrator (Fluke 5500A. e.g. 100.0V for 200.0V range) and carefully against adjust the semi-fixed resistor to have same reading in LED.

D) Connect the input voltage to be measured to VIN and GND. The input voltage should be DC only.