

DC VOLTMETER & AMMETER

AP-101

*Standard 3 1/2 Digit



DC Voltage Measurement

Model	Range	Maximum Resolution	Input Impedance	Input Protection
AP-101-11	±199.9mV	100μV	100MΩ	±250V
AP-101-12	±1.999 V	1mV	100MΩ	±250V
AP-101-13	±19.99 V	10mV	10MΩ	±250V
AP-101-14	±199.9 V	100mV	10MΩ	±500V

Accuracy: ±0.1% rdg. ±1 digit (23°C±5°C)

DC Current Measurement

Model	Range	Maximum Resolution	Internal Resistance	Input Protection
AP-101-21	±199.9μA	100nA	1kΩ	±10mA
AP-101-22	±1.999mA	1μA	100Ω	±50mA
AP-101-23	±19.99mA	10μA	10Ω	±150mA
AP-101-24	±199.9mA	100μA	1Ω	±500mA
AP-101-25	±1.999A	1mA	0.1Ω	±3A

Accuracy: ±0.2% rdg. ±1 digit (23°C±5°C)
±0.3% rdg. ±1 digit only for AP-101-25

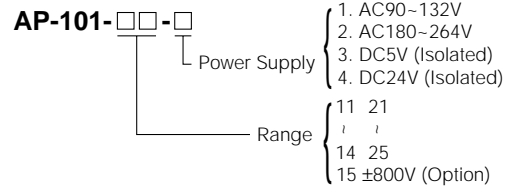
Specifications

Input Configuration:	Single Ended
Input Bias Current:	50pA (Typ.)
Conversion Rate:	2.5/sec
Normal Mode Rejection:	TYP. 40dB (50/60Hz)
Zero Stability:	Automatic Zero Adjustment
Display:	LED, 14.2mm 3 1/2-digit
Polarity:	A "-" is displayed automatically
Decimal Point:	Settable to any digit position
Overrange Indication:	When input exceeds the maximum display, 1999 flashes.
Power Supply:	AC90~132V AC180~264V DC5V±5%, 100mA (Max.) DC24V±20%, 30mA (Max.)
Operating Temperature:	0~50°C, 35 to 85% RH
Power Consumption:	1.5VA
Dimensions:	48(H) × 96(W) × 73(D)mm DIN Size
Weight:	Approx. 150g (For AC), 85g (For DC)
Dielectric Strength:	AC type: Between input (Lo) terminal and earth, DC500V Between power supply terminal and input terminal, earth, common, case, AC1500V/1 min. DC type: Between input (Lo) and power supply (0V), DC±500V
Insulation Resistance:	DC500V 100MΩ at above terminals

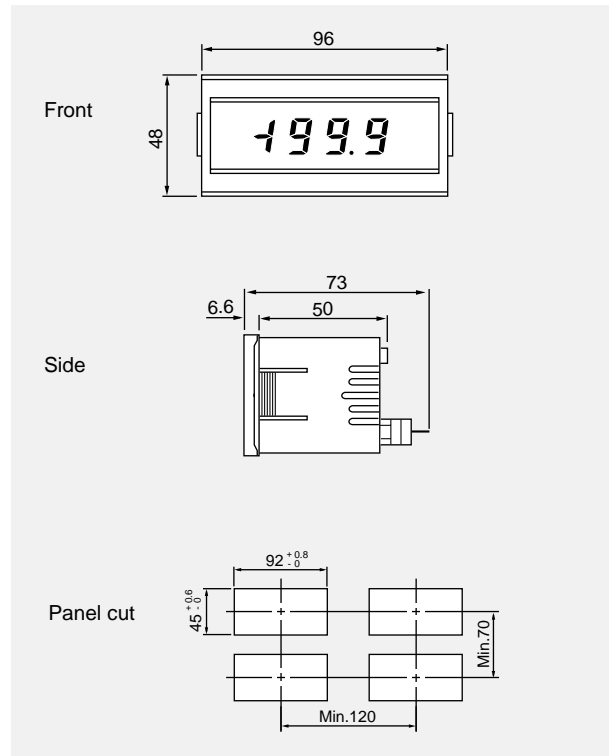
Features

- Low Cost
- Bright LED 14.2mm (Red)
- AC180~264V, 90~132V, DC5V, DC24V
- 200mV~200V, 200μA~2A Measurement
- ±800V Measurement (option)

Ordering Code



Dimensions



Connection Diagram

