

DC VOLTMETER & AMMETER

AP-141

*Standard 4 1/2 Digit



DC Voltage Measurement

Model	Range	Maximum Resolution	Input Impedance	Input Protection
AP-141-12	±1.9999V	100μV	100MΩ	±100V
AP-141-13	±19.999V	1mV	1MΩ	±250V
AP-141-14	±199.99V	10mV	1MΩ	±500V

Accuracy: ±0.03% rdg ±1 digit (23°C ±5°C)

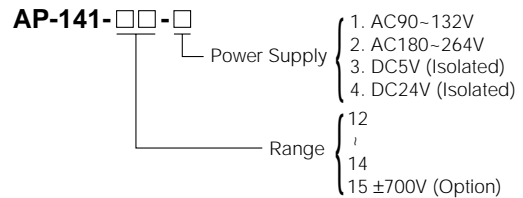
Specifications

Input configuration:	Single Ended
Input Bias Current:	100PA(Typ.)
Conversion Rate:	2.5/sec
Normal Mode Rejection:	More than 50dB(50/60Hz)
Zero Stability:	Automatic Zero Adjustment
Display:	LED, 14.2mm 4 1/2 -digit
Polarity:	A "-" is displayed automatically
Decimal Point:	Settable to any digit position
Overrange Indication:	When input exceeds the maximum display, 0000 or -0000 flashes
Power Supply:	AC90~132V AC180~264V DC5V±5% 150mA (Max.) DC24V±20% 35mA (Max.)
Operating Temperature:	0~50°C, 35 to 85%RH
Power Consumption:	2VA
Dimensions:	48(H) × 96(W) × 73(D)mm DIN Size
Weight:	Approx. 160g(For AC), 90g(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), DC500V
Insulation Resistance:	DC500V 100MΩ at above terminals

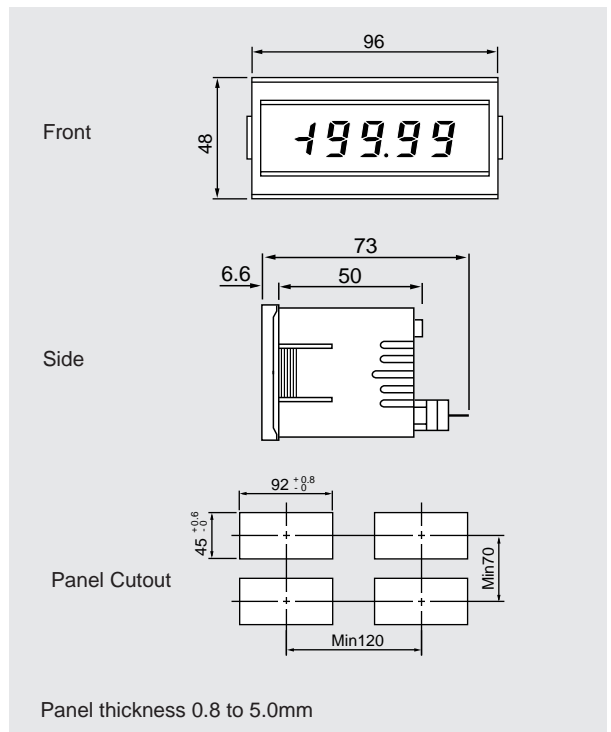
Features

- Low Cost
- Bright LED 14.2mm(Red)
- AC180~264V, 90~132V, DC5V, DC24V
- 2V~200V Measurement
- ±700V Measurement(Optional)

Ordering Code



Dimensions



Connection Diagram

