

# DC VOLTMETER & AMMETER

## AP-540



### DC Voltage Measurement

Model	Range	Maximum Resolution	Input Impedance	Input Protection
AP-540-11	±199.99mV	10μV	100MΩ	±100V
AP-540-12	±1.9999V	100μV	100MΩ	±100V
AP-540-13	±19.999V	1mV	1MΩ	±250V
AP-540-14	±199.99V	10mV	1MΩ	±500V

Accuracy: ±(0.03% of rdg + 1 digit) (23; C±5; C 45~75%RH)

### Specifications

Input configuration:	Single ended
Input bias current:	100 pA (TYP.)
Conversion rate:	2.5/sec
Normal mode rejection:	More than NMR50dB (50/60 Hz)
Maximum display:	19999
Overrange indication:	When input exceeds the maximum display, 0000 flashes
Display:	LED, 14.2 mm (Red)
Polarity:	A "-" is displayed automatically
Hold:	START/HOLD terminal and 0 V shorted or level "0"
Start:	START/HOLD terminal and 0 V open or level "1"
Decimal point:	Settable to any digit position
Operating temperature:	0~50°C 35~85%RH
Power supply:	DC 5 V±5%
Power consumption:	75 mA (Max.)
Dimensions:	48(H) × 96(W) × 34.5(D)mm DIN size
Weight (unit):	Approx. 60 g
Dielectric strength:	Between LO and case, AC 1500 V/l min.
Insulation resistance:	More than DC 500 V 100 MΩ at the above terminals
Accessory:	Connector, instruction manual

### Ordering Code

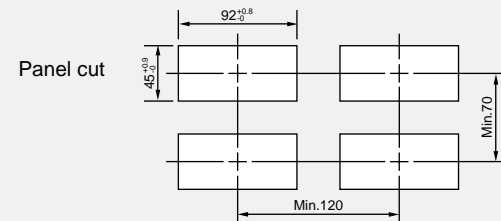
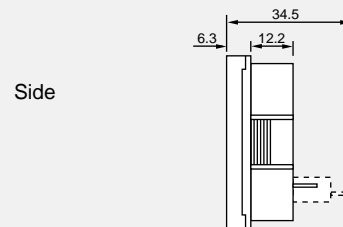
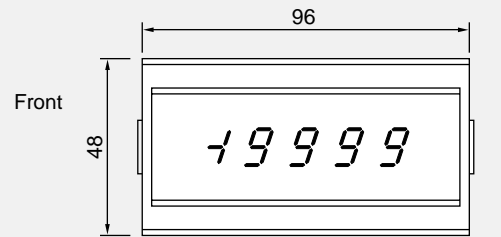
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### Features

- Bright LED, 14.2 mm (Red)
- Thin Case (Depth 34.5 mm)
- Power supply DC 5V (Non-isolated)
- 200 mV ~ 200 V measurement

### Dimensions



Panel thickness 0.8 to 3.2mm

### Connection Diagram

