

DC VOLTMETER & AMMETER

AP-540



■ Features

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

■ DC Voltage Measurement

Model	Range	Maximum Resolution	Input Impedance	Input Protection
AP-540-11	$\pm 199.99\text{mV}$	$10\text{ }\mu\text{V}$	100M	$\pm 100\text{V}$
AP-540-12	$\pm 1.9999\text{V}$	$100\text{ }\mu\text{V}$	100M	$\pm 100\text{V}$
AP-540-13	$\pm 19.999\text{V}$	1mV	1M	$\pm 250\text{V}$
AP-540-14	$\pm 199.99\text{V}$	10mV	1M	$\pm 500\text{V}$

Accuracy: $\pm (0.03\% \text{ of rdg} + 1 \text{ digit})$ @ 25°C 45~75%RH

■ Specifications

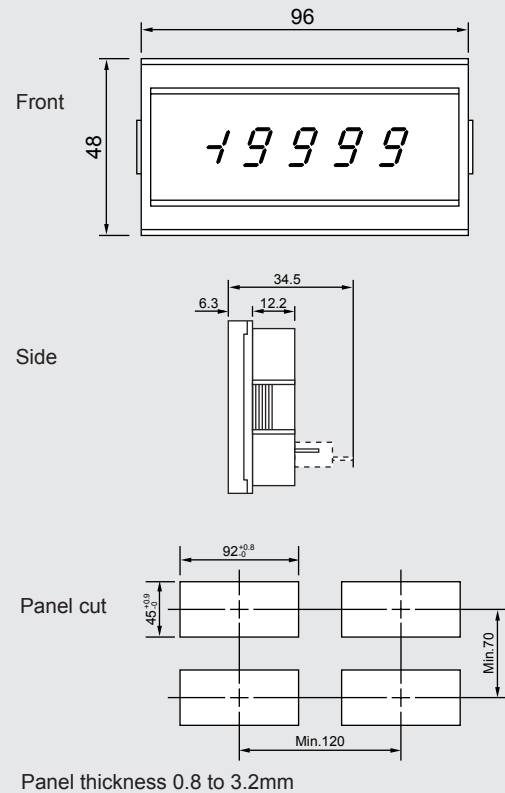
Input configuration: Single ended
Input bias current: 100 pA (TYP.)
Conversion rate: 2.5/sec
Normal mode rejection: More than NMR50dB (50/60 Hz)
Maximum display: 19999
Overrange indication: When input exceeds the maximum display, 0000 flashes
Display: LED, 14.2 mm (Red)
Polarity: A “-” is displayed automatically
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 $\pm 5\%$
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/1 min.
Insulation resistance: More than DC 500 V 100 M at the above terminals
Accessory: Connector, instruction manual

■ Ordering Code

AP-540-□□



■ Dimensions



■ Connection Diagram

