

DC VOLTMETER & AMMETER

AP-301

*Compact Size, 14.2mm LED



■ DC Voltage Measurement

Model	Range	Maximum Resolution	Input Impedance	Input Protection
AP-301-11	$\pm 199.9\text{mV}$	$100\text{ }\mu\text{V}$	100M	$\pm 100\text{V}$
AP-301-12	$\pm 1.999\text{V}$	1mV	100M	$\pm 100\text{V}$
AP-301-13	$\pm 19.99\text{V}$	10mV	10M	$\pm 250\text{V}$
AP-301-14	$\pm 199.9\text{V}$	100mV	10M	$\pm 500\text{V}$

Accuracy: $\pm 0.1\%$ rdg. ± 1 digit ($23^\circ\text{C} \pm 5^\circ\text{C}$)

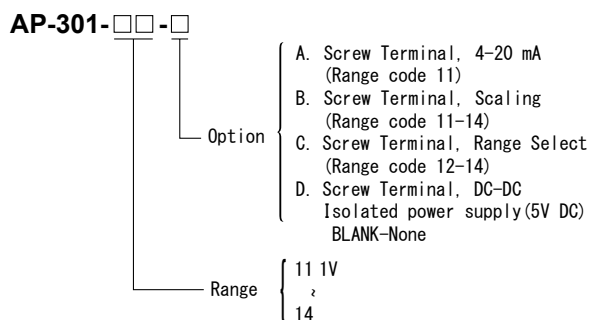
■ Specifications

Input Configuration: Single Ended
Input Bias Current: 50pA (Typ.)
Conversion Rate: 2.5/sec
Normal Mode Rejection: 40dB (Typ.) (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: DC5V $\pm 5\%$, 80mA (Max.)
Operating Temperature: $0\sim 50^\circ\text{C}$, 35 to 85%RH
Power Consumption: 400mW
Dimensions: 36(H) · 72(W) · 29(D)mm DIN Size
Weight: Approx. 35g
Dielectric Strength: Between input (Lo) terminal and case, AC1500V/1 min.
Between input (Lo) terminal and power supply (OV), DC500V
Insulation Resistance: DC500V 100M at above terminals

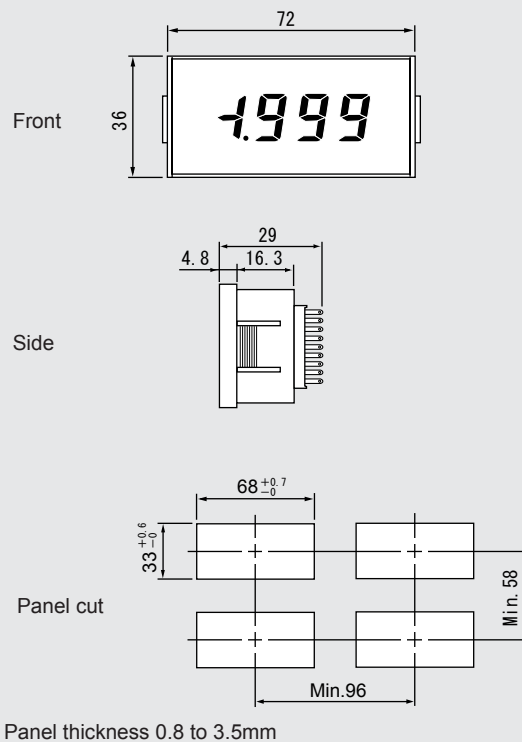
■ Features

- Compact Size, 36(H) · 72(W) · 29(D)mm
- Bright LED, 14.2mm (Red)
- DC5V(Non-Isolated)
- 200mV~200V Measurement
- Isolated DC24V Available (Option A or D)

■ Ordering Code



■ Dimensions



■ Connection Diagram

