

DC VOLTMETER & AMMETER

AP-501A

*Super Thin Case, Low Cost



DC Voltage Measurement

Model	Range	Maximum Resolution	Input Impedance	Input Protection
AP-501A-11	$\pm 199.9\text{mV}$	$100\text{ }\mu\text{V}$	100M	$\pm 100\text{V}$
AP-501A-12	$\pm 1.999\text{V}$	1mV	100M	$\pm 100\text{V}$
AP-501A-13	$\pm 19.99\text{V}$	10mV	10M	$\pm 250\text{V}$
AP-501A-14	$\pm 199.9\text{V}$	100mV	10M	$\pm 500\text{V}$

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

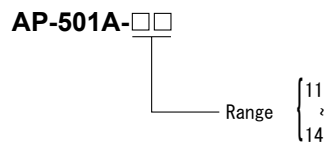
Specifications

Input Configuration:	Differential (11/12-range), Single Ended (13/14-range)
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:	Display 1 or -1 of the most significant digit for an input signal exceeding the maximum display range.
Power Supply:	DC5V $\pm 5\%$, 120mA
Operating Temperature:	0~50°C, 35 to 85%RH
Power Consumption:	Approx. 120mA
Dimensions:	48(H) · 96(W) · 34.5(D)mm DIN Size
Weight:	Approx. 50g
Dielectric Strength:	Between input (Lo) terminal and mounted plate. AC1500V/1 min.
Insulation Resistance:	DC500V 100M at above terminals

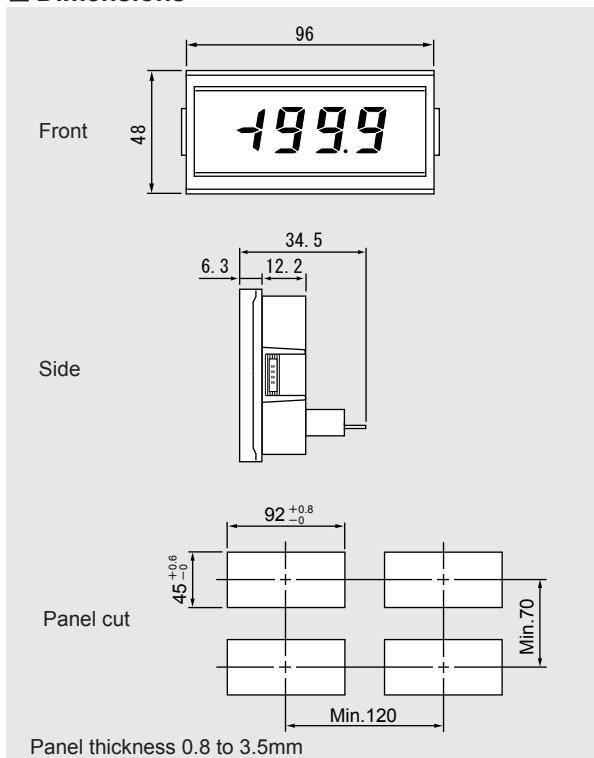
Features

- Low Cost
- Bright LED, 14.2mm (Red)
- Thin Case (Depth 34.5mm)
- DC5V(Non-Isolated)
- 200mV~200V Measurement

Ordering Code



Dimensions



Connection Diagram

