

DC VOLTMETER & AMMETER

AP-520A

✳LCD Display



■ DC Voltage Measurement

Model	Range	Maximum Resolution	Input Impedance	Input Protection
AP-520-11	$\pm 199.9\text{mV}$	$100\text{ }\mu\text{V}$	100M	$\pm 100\text{V}$
AP-520-12	$\pm 1.999\text{V}$	1mV	100M	$\pm 100\text{V}$
AP-520-13	$\pm 19.99\text{V}$	10mV	10M	$\pm 250\text{V}$
AP-520-14	$\pm 199.9\text{V}$	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 (Max.)
Conversion Rate:	2.5/sec
Normal Mode Rejection:	40dB (Typ.) 50/60Hz
Zero Stability:	Automatic zero adjustment
Display:	LCD, 12.7mm 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 $\pm 5\%$
Operating Temperature:	0~50 °C, 35 to 85%RH
Power Consumption:	Approx. 15mW
Dimensions:	48 (H) · 96 (W) · 34.5 (D)mm DIN Size
Weight:	Approx. 60g
Dielectric Strength:	Between input terminal (Lo) and mounting panel DC500V.
Insulation Resistance:	DC500V 100M at above terminals

■ Features

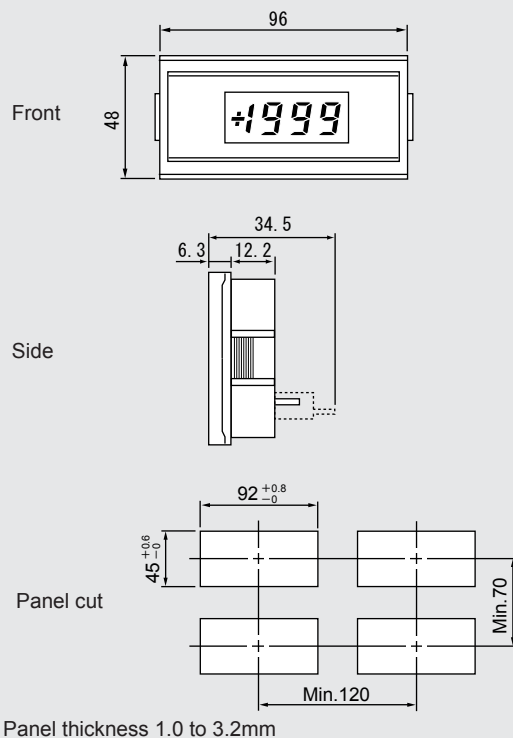
- LCD, 12.7mm
- Thin Case (Depth 34.5mm)
- DC5V(Non-Isolated)
- 200mV~200V Measurement

■ Ordering Code

AP-520-□□

Range { 11
12
14

■ Dimensions



■ Connection Diagram

When use single ended, connect terminal ② and ③ (COMMON and 0V Terminal is internally connected)

