

AP-520A

*LCD Display



■ Features

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

■ DC Voltage Measurement

Model	Range	Maximum Resolution	Input Impedance	Input Protection
AP-520A-11	±199.9mV	100μV	100MΩ	±100V
AP-520A-12	±1.999V	1mV	100MΩ	±100V
AP-520A-13	±19.99V	10mV	10MΩ	±250V
AP-520A-14	±199.9V	100mV	10MΩ	±500V

Accuracy: ±0.1% rdg. ±1 digit (23°C ±5°C)

■ Specifications

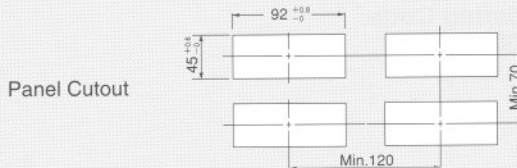
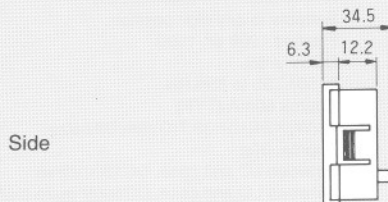
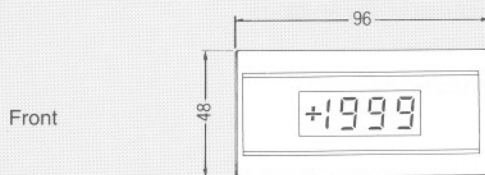
Input Configuration:	Differential (11/12-range) Single Ended (13/14-range)
Input Bias Current:	50PA (Max.)
Conversion Rate:	2.5/sec
Normal Mode Rejection:	40dB (Typ.) 50/60Hz
Zero Stability:	Automatic zero adjustment
Display:	LCD, 12.7mm 3 1/2-digit
Polarity:	A "-" is displayed automatically
Decimal 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 ±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 100MΩ at above terminals

■ Ordering Code

AP-520A-□□

Range { 11
12
14

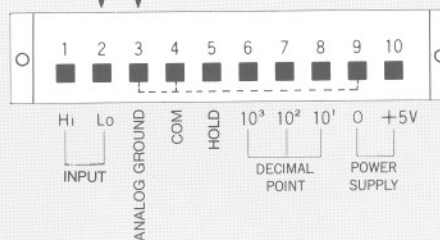
■ Dimensions



Panel thickness 1.0 to 3.2mm

■ Connection Diagram

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



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