



AP-501A

3 1/2 DIGIT, DC PANEL METER

DC Voltage Measurement

Model	Range	Input Impedance	Input Protection
AP-501A-11	±199.9mV	100M Ω	±100V
AP-501A-12	±1.999V	100M Ω	±100V
AP-501A-13	±19.99V	10M Ω	±250V
AP-501A-14	±199.9V	10M Ω	±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 (Typ.)
- Conversion Rate:** Approx. 2.5/sec
- Normal Mode Rejection:** 40dB (Typ.) (50/60Hz)
- Zero Stability:** Automatic Zero Adjustment
- Display:** 3 1/2 digit, LED, 14.2mm (.56")
- Polarity:** A "-" is displayed automatically
- Decimal Point:** Settable to any digit position
- Overrange Indication:** Displays 1 or -1 of the most significant digit
- External Control:** Hold and decimal points
- Power Supply:** 5VDC ±5%
- Operating Temperature:** 0 - 50°C
- Power Consumption:** Approx. 600mW
- Weight:** 50g, 1.75 oz.
- Dielectric Strength:** Between input terminal (Lo) and mounting bracket, 1500VAC/1 min.
- Insulation Resistance:** 500VDC, 100MΩ at above terminals
- Size:** 48mm (H) x 96mm (W) x 34.5mm (D)
1.89" (H) x 3.78" (W) x 1.26" (D)
- Accessories:** Connector and manual included.

ORDERING GUIDE

AP-501A -

Range Code	Range
11	± 199.9mV
12	± 1.999V
13	± 19.99V
14	± 199.9V

CONNECTION DIAGRAM

(Solder Connector)

When using single ended, connect terminal (2) and (3) (COMMON and OV Terminal is internally connected)

