

*Standard Type



■ AC Voltage Measurement

Model	Range	Input Impedance	Frequency Range	Input Protection
AP-166-12	999.9mV	10MΩ	40Hz~10kHz	100V
AP-166-13	9.999V	10MΩ	40Hz~10kHz	100V
AP-166-14	99.99V	10MΩ	40Hz~4kHz	300V
AP-166-15	700.0V	10MΩ	40Hz~1kHz	700V

Accuracy: $\pm(0.3\%$ of rdg. + 3 digit) (23°C \pm 5°C, 35 ~ 85%RH)

■ AC Current Measurement

Model	Range	Internal Resistance	Frequency Range	Input Protection
AP-166-22	999.9μA	1kΩ	40Hz~1kHz	10mA
AP-166-23	9.999mA	100Ω	40Hz~1kHz	50mA
AP-166-24	99.99mA	10Ω	40Hz~1kHz	200mA
AP-166-25	999.9mA	1Ω	40Hz~1kHz	1A

Accuracy: $\pm(0.5\%$ of rdg. + 3 digit) (23°C \pm 5°C, 35 ~ 85%RH)

■ Specifications

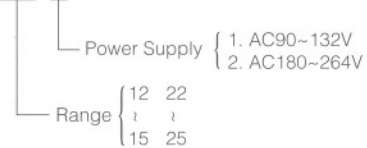
- Input Configuration: Single Ended input Impedance 10MΩ 100PF or less
- Rectifier Circuit: Represents effective Value of sine wave by demodulation of mean Value
- Conversion Rate: 2.5/sec
- Response Speed: Approx. 2.5sec(10~90%)
- Display: LED, 14.2mm 4 digit
- Decimal Point: Settable to any digit positions
- Overrange Indication: When input exceeds the maximum display, flash display
- External Control: Hold; HOLD terminal and COM shorted
- Power Supply: AC90~132V
AC180~264V
- Operating Temperature: 0~50°C, 35 to 85%RH
- Power Consumption: Approx. 2VA
- Dimensions: 48(H) × 96(W) × 95(D)mm DIN Size
- Weight: Approx. 270g
- Dielectric Strength: Between input terminal and earth(E), DC500V/1 min. Between power supply terminal and input terminal, COM, earth(E) AC1500V/1 min.
- Insulation Resistance: DC500V 100MΩ at above terminals

■ Features

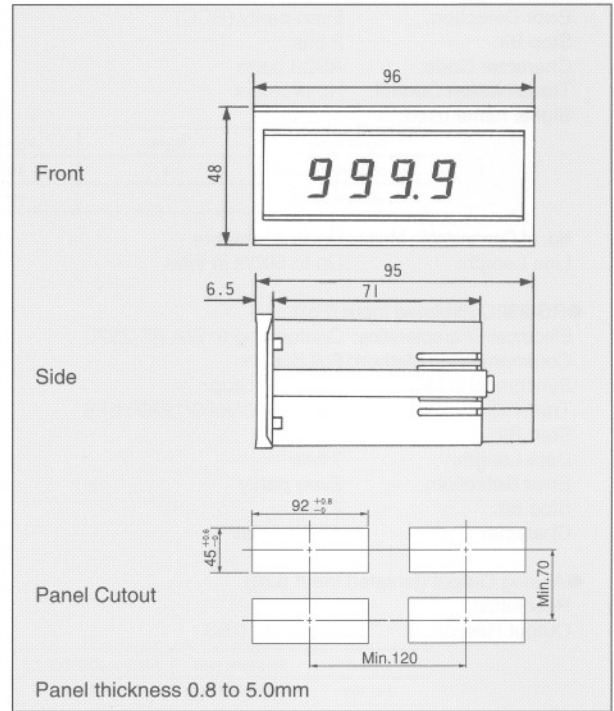
- Average
- Bright LED 14.2mm (Red)
- AC 999.9mV~700.0V, AC 999.9μA~999.9mA Measurement

■ Ordering Code

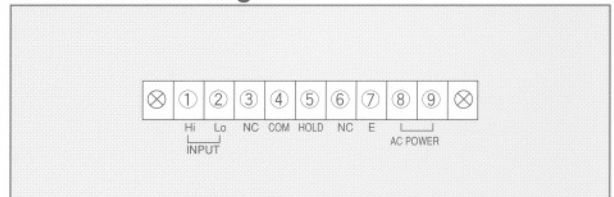
AP-166-□□-□



■ Dimensions



■ Connection Diagram



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