

## PROVA A11

## m A AC/DC CLAMP METER



**PROVA A11**

**mA AC/DC Clamp Meter**

**CE**

**IEC 61010**

**CAT III 600V CAT IV**

**300V**

Microcurrent AC and DC clamp meter

1. High-resolution current measurement: DC 1mA, AC 0.1mA
2. AC and DC current (mA, A) measurement 6A / 60A
3. AC and DC voltage (V) measurement 60V / 600V
4. AC Current Measurement: True Root Mean Square (TRMS)
5. Can measure resistance, continuity, capacitance, diode, temperature (°C / °F)
6. When measuring voltage (AC/DC V), current (AC mA), resistance and capacitance, it has an automatic shifting function (Auto-Range).
7. Voltage and current peak test.
8. Screen display: 6000 digits
9. DCA DC current: simple one-touch zero adjustment
10. Clamp diameter 25 mm
11. With automatic shutdown (30 minutes) function
12. Maximum value (Max), minimum value (Min), reading value lock (Hold), average value (Ave), relative difference ( $\Delta$ ) functions
13. Two-line display on the screen: Hold + Ave (reading value lock + average value), Max + Min (maximum value + minimum value),  $\Delta$  Max +  $\Delta$ Min (maximum relative difference + minimum relative difference)
14. Two-line display on the screen: Hold + Ave (reading value lock + average value), Peak Max + Peak Min (peak maximum value + peak minimum value),  $\Delta$ Peak Max +  $\Delta$ Peak Min (peak

relative difference maximum difference + peak  
relative difference minimum difference)

15. Low pass filter (LPF, 1KHz, -3dB) (for example, it can be used in frequency converter measurement)

16. Resistance and capacitance measurement time: 600V overload protection

17. Suitable for use in (crowded) switch boxes and wire ducts

18. With backlight, you can measure in dark places

## Measurement Specification

## Electrical Specifications: (23°C±5°C)

### DC Current

| Range     | Resolution | Accuracy    | Overload Protection |
|-----------|------------|-------------|---------------------|
| mA (0-6A) | 1mA        | ±2.0%±3dgts | DC 40A              |
| 0-30A     | 10mA       | ±2.0%±3dgts | DC 100A             |
| 30-40A    |            | ±2.5%±3dgts |                     |
| 40-60A    |            | ±4.0%±5dgts |                     |

Range 60A Peak MAX ±100A

Accuracy + (±2%±50dgts)

### AC Current (True RMS, Crest Factor < 3)

| Range  | Resolution | Accuracy    |             | Overload Protection |
|--------|------------|-------------|-------------|---------------------|
|        |            | 50/60 Hz    | 40 - 100Hz  |                     |
| 600mA  | 0.1mA      | ±1.5%±5dgts | ±2.0%±5dgts | AC 40A              |
|        |            | 50/60 Hz    | 40 - 1KHz   |                     |
| 6000mA | 1mA        | ±2.5%±5dgts | ±3.0%±5dgts | AC 40A              |
| 0-30A  | 10mA       | ±2.0%±5dgts | ±2.5%±5dgts | AC 100A             |
| 30-60A | 10mA       | ±4.0%±5dgts | ±5.0%±5dgts | AC 100A             |

**DC Voltage (Overload Protection AC 600V)**

| Range | Resolution | Accuracy    | Input Impedance |
|-------|------------|-------------|-----------------|
| 60V   | 10 mV      | ±1.5%±3dgts | 10MΩ            |
| 600V  | 100 mV     |             |                 |

**DCV Peak MAX** ±600V Accuracy + (±2%±50dgts)

**AC Voltage (True RMS, Input Impedance 10 MΩ)**

| Range | Resolution | Accuracy    |             | Overload Protection |
|-------|------------|-------------|-------------|---------------------|
|       |            | 50/60 Hz    | 40 - 1KHz   |                     |
| 60V   | 10mV       | ±1.5%±5dgts | ±2.0%±5dgts | AC 600V             |
| 600V  | 100mV      |             |             |                     |

**ACV Peak MAX** ±850V Accuracy + (±2%±50dgts)

**Continuity (Open voltage 0.4V, Overload protection AC 600V)**

| Range | Resolution | Accuracy    | Beeping             |
|-------|------------|-------------|---------------------|
| 600Ω  | 0.1Ω       | ±1.0%±2dgts | <30.0Ω<br>(approx.) |

**General Specifications: Indoor Use**

|                                |  |
|--------------------------------|--|
| <b>Conductor Size:</b>         | 25mm max. (approx.)  |
| <b>Battery Type:</b>           | two 1.5V SUM-3   |
| <b>Display:</b>                | 6000 counts  |
| <b>Range Selection:</b>        | Auto and Manual  |
| <b>Overload Indication:</b>    | OL   |
| <b>Power Consumption:</b>      | 17 mA (approx.)  |
| <b>Low battery Indication:</b> | <input type="checkbox"/> B   |
| <b>Sampling Time:</b>          | 2 times/sec.   |
| <b>Auto-power-off:</b>         | 30 minutes   |
| <b>Operating Temperature:</b>  | 0°C to 50°C  |
| <b>Operating Humidity:</b>     | less than 85% relative   |
| <b>Altitude:</b>               | up to 2000M  |
| <b>Storage Temperature:</b>    | -20°C to 60°C  |
| <b>Storage Humidity:</b>       | less than 75% relative   |
| <b>Dimension:</b>              | 190mm (L) x 66mm (W) x 36mm (H)<br>7.5" (L) x 2.6" (W) x 1.45" (H)   |
| <b>Weight:</b>                 | 250g (battery included)  |
| <b>Accessories:</b>            | Carrying bag x 1<br>Users manual x 1<br>1.5V battery x 2<br>Test leads x 1<br>K-type thermocouples x 1<br>Adapter (for Capacitance and K-type thermocouples) x 1 |