

# Clamp on Current Probe

The YUANXING clamp probe current transformer is designed for fast and easy measure the current in industrial and power environments .

The clamp-on core design permits non-contact current measurements through magnetic field induction without requiring that the primary wire be taken offline and disconnected for CT installation. This method permits a safer,easy and portable current measurement.



## FEATURES

- Good appearance
- Clamp-on core design, safer, easier installation
- Current or three specs voltage output signal

## APPLICATIONS

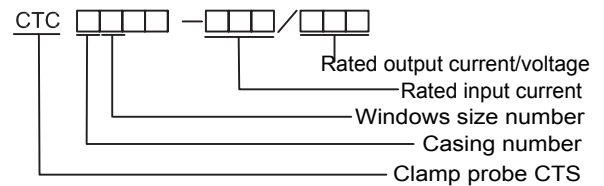
- Current, power energy,monitoring devices
- Power Factor Correction devices
- Oscilloscope and harmonic waves analyzer

## SPECIFICATIONS

- Primary current:0.1A-1000A, 10A-2000A
- Output signal: mA/A or mV/A or4-20mAdc,1A,5A
- Useable frequency: 50Hz – 100kHz
- Basic Accuracy :1%
- Operating Temperature:-15° C to 60° C
- Safety : CAT III 600V
- Maximum Cable Diameter: 2.05 inches (52 mm), 4.72 inches (120 mm)
- Output Cable: ①60 inches (1.5m) PVC-insulate reinforced coaxial cable with an insulated BNC connector(can connect directly to an oscilloscope,and can be used with Multimeters with optional PM 9081/001 BNC/Banana adapter, the output signal is voltage). ②60 inches (1.5m) PVC-insulate reinforced coaxial cable with  $\Phi$ 4mm red/black banana plugs (can be used with multimeters. the output signal is current or voltage)
- RoHS compliant



## PART NUMBER



## PERFORMANCES

| Model   | Input (A) | Output signal | Frequency (Hz) | Rated Burden           | Accuracy class | Order No. |
|---------|-----------|---------------|----------------|------------------------|----------------|-----------|
| CTC1535 | 0.5-1000  | 1mA/A         | 40-1K          | $\leq 10\text{Ohms}$   | 1.0%           | 10        |
|         | 400-1000  | 5A,1A         | 50/60          | $\leq 2\text{ VA}$     | 1.0%           | 11        |
|         | 0.1-10档   | 100mV/A       | 10-100K        | $\geq 100\text{KOhms}$ | 3% $\pm$ 10mV  | 15        |
|         | 0.1-100档  | 10mV/A        |                |                        | 2% $\pm$ 5mV   |           |
|         | 1-1000档   | 1mV/A         |                |                        | 1% $\pm$ 1mV   |           |
|         | 0.5-1000  | 1mV/A         | 40-100K        | $\geq 100\text{KOhms}$ | 1.0%           | 16        |
|         | 0-1000    | 4-20mAdc      | 50/60          | $\leq 100\text{Ohms}$  | 1.0%           | 20        |

Note: Test conditions: 48Hz~65Hz, 25° C $\pm$ 3° C

| Model   | Input (A)  | Output signal    | Rated Burden           | Accuracy class | Order No. |
|---------|------------|------------------|------------------------|----------------|-----------|
| CTC1200 | 10-2000A   | 1mA/A<br>0.5mA/A | $\leq 10\text{ Ohms}$  | 1.0%           | 10        |
|         | 500-1000A  | 1A,5A            | $\leq 2.5\text{VA}$    | 1.0%           | 11        |
|         | 1000-2000A | 1A,5A            | $\leq 5\text{VA}$      | 0.5            | 11        |
|         | 10A-2000A  | 1mV/A            | $\geq 100\text{KOhms}$ | 1.0%           | 16        |

Note: Product specification parameters can be customized.

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