



OC5010 AC/DC Current Probe

- + Wide measuring range: 0.05A - 100A
- + Conversion ratio: 100mA/V | 10mA/V
- + Bandwidth: DC~100KHz
- + Jaw size: 11.8mm (MAX)
- + BNC connector, generally applied to many types of oscilloscope.
- + Zero adjustment knob: demagnetization and zero adjustment

Frequency range: DC - 100KHz Range: 0.05A-10A | 1A-100A

Conversion ratio
100mA/V | 10mA/V



- C5010 is a clamp-on current probe that uses Hall effect technology to measure AC/DC. Wide applicability, can be used with any test instrument with BNC connector, 1 MΩ, <100 pF impedance.
- Galvanic isolation between the probe and the device under test. Can be placed anywhere on the current path without cutting the circuit, low input impedance.
- Automatic zero position for current probe to suit different environments.
- Range 0.05A to 100A, measurement error 3% ± 5mV. Wide range, accurate measurement.



Specifications

Model	OC5010	
Range	100mV/A	10mV/A
Current range	50mA-10A peak	10A-100A peak
Output signal (percentage error)	3%±5mV	500mA-10A peak: 4%±500µV 10A-100A peak: 100A max.15%
Frequency range (-3dB)	DC~100KHz	
Phase shift	DC~65Hz: < 1.5°	DC~65Hz: < 1°
Noise	6mV	600µV
Slew rate	0.3V/µs	20mV/µs
Rise/fall time	< 3µs	< 4µs
Load impedance	≥1MΩ and ≤100pF	
Input impedance	0 . 01Ω	
Max. captured conductor size	Diameter 11.8mm	
Battery	9V Alkaline battery. Low battery indicator: >6.5V, LED is green	
Overload indicator	Red LED means the measure current is too big and it need to change the measuring range	
Dimensions and Weight	231×36 × 67 (mm) 330g(battery included)	



Accessories and Packaging

