ETCR007AD/ETCR035AD/ETCR068AD
AC/DC Clamp Current Sensor

Product Function

On-line detecting of AC/DC current.

Product Features

1. Clamp structure, no need disconnect the line being tested, easy to carry and especially suitable for on-site online testing. Non-contact measurement, easy to operate, fast, safe and reliable..
2. Adopts Permalloy core and Hall induction technology, with high performance and high accuracy, high anti-interference ability.
3. Output current or voltage signal, the range, transformation ratio, output interface of the sensor could OEM.
4. Output interface: 1.5m shield wires, the terminal interface: φ3.5mm Audio plug/BNC plug/4.0mm double banana plug (optional).
5. Insulating strength: AC3700V/ms (between the core and coil)
6. Safety class: CATⅢ600V
7. Working temperature: -15°C～50°C.

Technical Specification

Model	ETCR007AD	ETCR035AD	ETCR068AD
Range	0mA～50A AC/DC	0.0A～1000A AC/DC	0.0A～1500A AC/DC
Resolution	1mA	0.1A	0.1A
Accuracy Class	±3.0%	±2.0%	±2.0%
Output signal	10mV/1A or 100mV/1A（manual shift）	1mV/1A	1mV/1A
Phase Error	≤3°	≤3°	≤3°
Reset Way	ZERO reset rotary knob	ZERO reset rotary knob	ZERO reset rotary knob
Clamp Size	φ7mm	25mm×35mm	φ68mm
Dimension	168mm×61mm×32mm	122mm×70mm×33mm	224mm×115mm×43mm
Weight	170g	180g	515g
Power Supply	9V DC 6F22	9V DC 6F22	9V DC 6F22