

Product Function

Measurement of AC leakage current, phase, power energy, power, power factor, harmonic etc. Apply to oscilloscope, harmonic analyzer, power fault analyzer and other industrial control devices.

Product Features

1. Clamp structure, no need to interrupt the power supply and disconnect the circuit in testing, 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 CT double-layer shielding technology, with high performance and high accuracy, high anti-interference ability, suitable for complex interference environment.
3. Output current or voltage signal.
4. Measure the leakage current of cable and electrical equipment when clamping the hot wire and zero wire together at the same time.
5. The range, transformation ratio, output interface of the sensor can be customized according to customer requirements.

Output interface: BNC plug, or 4.0mm Double banana plug/3.5mm audio plug/bare wire (optional), cable length 1.5m

6. Insulating strength: AC3700V/ms (between the core and coil)

7. Safety class: CATIII600V

Technical Specification

Model	EM016	EM030	EM040	EM068	EM080
					
Range	0.00mA~20A	0.00mA~30A	0.00mA~40A	0.00mA~60A	0.00mA~60A
Resolution	0.01mA	0.01mA	0.01mA	0.01mA	0.01mA
Accuracy Class	0.5	0.5	0.5	0.5	0.5
Phase Error	≤2°	≤2°	≤2°	≤2°	≤2°
Turn Ratio	800:1	800:1	800:1	800:1	800:1
Reference Load	0~200mA ≤ 300Ω 0~2A ≤ 30Ω 0~20A ≤ 3Ω	0~300mA ≤ 300Ω 0~3A ≤ 30Ω 0~30A ≤ 3Ω	0~400mA ≤ 300Ω 0~4A ≤ 30Ω 0~40A ≤ 3Ω	0~600mA ≤ 300Ω 0~6A ≤ 30Ω 0~60A ≤ 3Ω	0~600mA ≤ 300Ω 0~6A ≤ 30Ω 0~60A ≤ 3Ω
Frequency	10Hz~100KHz	10Hz~100KHz	10Hz~100KHz	10Hz~100KHz	10Hz~100KHz
Clamp Size	φ16mm	25mmX30mm	35mmX40mm	φ68mm	80mmX80mm
Dimension	110mmX53mmX22mm	115mmX70mmX33mm	125mmX70mmX37mm	185mmX115mmX43mm	194mmX145mmX40mm
Weight	138g	180g	190g	530g	780g