




Product Function

Detecting of AC leakage current, current, higher harmonic current, phase, power energy, power, power factor.

Product Features

1. Clamp structure, no need to disconnect the tested line, portable and suitable for on-site online testing.
2. Non-contact measurement, easy to operate, fast, safe and reliable.
3. The clamp jaw is thin, suitable for narrow and small space.
4. Adopts Permalloy core, with stable performance and high accuracy, high anti-interference ability, suitable for complex interference environment.
5. The range, transformation ratio, output interface of the sensor can be customized according to customer requirements.
6. Output interface: $\phi 3.5\text{mm}$ Audio plug/BNC plug/ 4.0mm Double banana plug (optional). Wire length: 1.5M.
7. Insulating strength: AC3700V/rms (between the core and out shell)
8. Safety Level: CATIII600V
9. Working temperature: $-15^{\circ}\text{C}\sim 50^{\circ}\text{C}$.

Technical Specification

Model	EM008 Sharp-nose type Leakage Current Sensor	EM014 Sharp-nose type Leakage Current Sensor	EM015 High Accuracy Clamp Leakage Current Sensor
			
Range	0.00mA~30.0A AC	0.00mA~100A AC	0.00mA~100A AC
Resolution	0.01mA AC	0.01mA AC	0.01mA AC
Accuracy Class	0.5	0.5	0.5
Turn Ratio	2500:1	2500:1	2500:1
Phase Error	$\leq 2^{\circ}$	$\leq 2^{\circ}$	$\leq 2^{\circ}$
Reference Load	0~300mA \leq 300 Ω ; 0~3A \leq 30 Ω ; 0~30A \leq 3 Ω	0~1A \leq 300 Ω ; 0~10A \leq 30 Ω ; 0~100A \leq 3 Ω	0~1A \leq 300 Ω ; 0~10A \leq 30 Ω ; 0~100A \leq 3 Ω
Frequency	10Hz~100kHz	10Hz~100kHz	10Hz~100kHz
Clamp Size	$\phi 8\text{mm}$	$\phi 14\text{mm}$	17mmX18mm
Dimension	137mmX40mmX19.5mm	142mmX46.7mmX22.6mm	47mmX92mmX26mm
Weight	175g	194g	约 156g