

XQ13

High Performance Handheld Clamp On Current Transducer

The model XQ13 handheld clamp on current transducer is suitable for 10A-100A cable online measurement, it belongs to high performance transducer field.

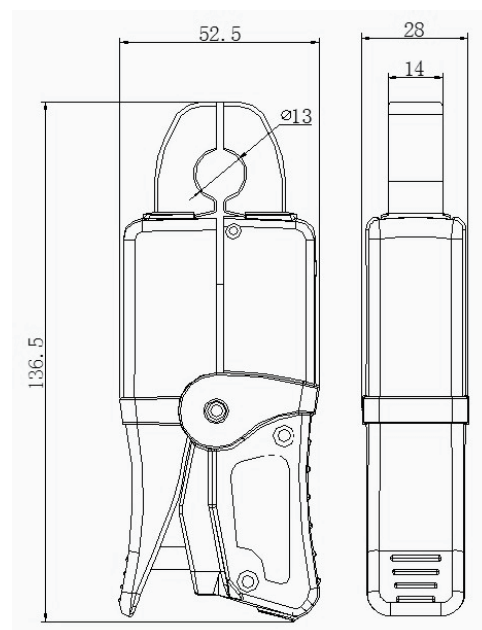


Applications

1. Electric energy meter calibrator (on site)
2. Double clamp type ground resistance tester
3. Double clamp type phase volt-ampere meter
4. Digital multi-meter
5. Multi-function energy meter
6. Oscilloscope
7. Power quality analyzer
8. Matched instruments
9. Calibration instrument on site

Features

1. Measurement range of 1mA to 100A AC
2. Small, compact size
3. Improved ergonomic design and easy operation
4. Low phase shift for power measurement
5. With load capacity $\leq 4\Omega$
6. Output model: Lead output(2.5m)



Unit:mm

Parameters

Electrical parameters	
Ratio	1000: 1 or 2000:1 (customized)
Accuracy class	0.1%, 0.2%
Primary current	0 - 100A AC
Secondary current	0 - 100mA AC (customized)
Max. Cont. Input current	120A
Over voltage category	CAT III 600V
Output signal (AC current)	From 0 to 100mA AC at nominal input current
Electrical parameters - continued	
Output signal (AC voltage)	From 0 to 2V AC at nominal input current
Frequency range	40Hz-2000Hz
Dielectric strength	3KV 50Hz/60Hz at 1 minute
Temperature range	-20°C to +55°C
Output	2.5 meter cable with D01 connector
Max. voltage not insulated conductors	600 V
Standard	EN 61010-1, EN 61010-2-032, IEC60044-1
Installation	Clamp type
Output mode	Lead output (2.5m)
Mechanical parameters	
Dimensions (L x W x H) (mm)	48 x 179 x 27
Weight (g)	280
Holding wire diameter (mm)	φ13
Max. jaw opening (mm)	13
Jaw color	Red, yellow, blue, green, black
Material	PC+ABS+Polycarbonate, UL94 V0