

Q50A

Ratio Customised Wide Measuring Range Current Probe

The model Q50A current probe is designed for fast and easy measure the current in industrial and power environment, it has wide range of current measurement.

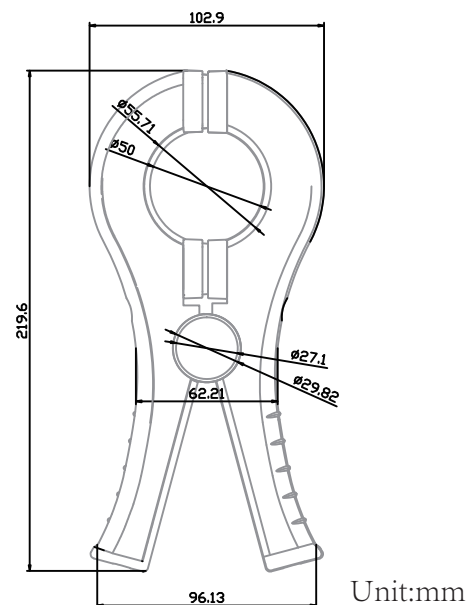


Applications

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 1000A AC
2. Small, compact size
3. Improved ergonomic design and easy operation
4. Low phase shift for power measurement
5. With load capacity $\leq 4\Omega$; When 1A output, it is 0.1Ω ; When 5A output, it is 2.5VA.
6. Output model: Lead output(2.5m)



Parameters

Electrical parameters	
Ratio	1000: 1 or 2000:1 (customized)
Accuracy class	0.1%, 0.2%, 0.5%
Primary current	0 - 1000A AC
Secondary current	0 - 5A AC (customized)
Max. Cont. Input current	1200A
Over voltage category	CAT III 600V
Output signal	500mA,1A,5A AC at nominal input current
Electrical parameters - continued	
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)	102.9 x 219.6 x 28
Weight (g)	550
Holding wire diameter (mm)	φ50
Max. jaw opening (mm)	50
Jaw color	Blue
Material	PC+ABS+Polycarbonate, UL94 V0