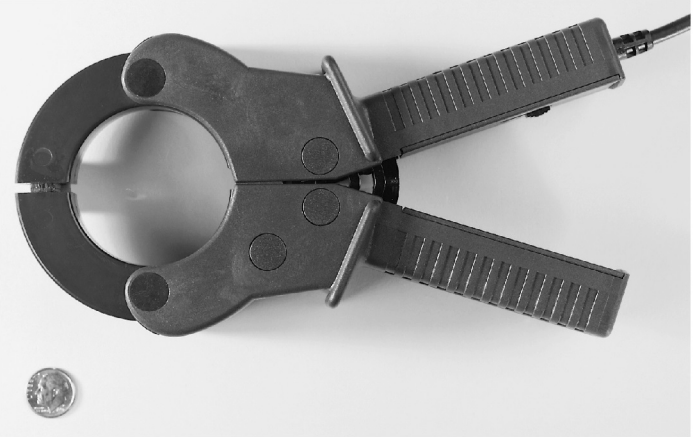
Current Probes

A621 • A622 Data Sheet



A621

A622

Features & Benefits

A621

- AC – 5 Hz to 50 kHz
- 100 mA to 2000 A Peak
- For DMMs and Oscilloscopes
- Clamp On

A622

- AC/DC – 100 kHz
- 50 mA to 100 A Peak
- For DMMs and Oscilloscopes

Applications

- Motor Drives
- Inverters
- Power Supplies
- Avionics

Characteristics

Characteristic	A621	A622
Frequency Range	5 Hz to 50 kHz	DC to 100 kHz
Max Input Current	2000 A peak	100 A peak
Output	1 mV/A, 10 mV/A, 100 mV/A	10 mV/A, 100 mV/A
Max Conductor Diameter	54 mm (2.13 in.)	11.8 mm (0.46 in.)
Termination	BNC*1	BNC*1
Max Bare-wire Voltage	600 V (CAT III)	600 V (CAT III)
Safety	UL3111-2-032 CSA1010.2.032 EN61010-2-032 IEC61010-2-032	UL3111-2-032 CSA1010.2.032 EN61010-2-032 IEC61010-2-032

*1 For instruments with banana jack inputs, Tektronix part number 012-1450-00 Female BNC to banana lead adapter is required.

The A600 Series current probes high-value current probes are specifically designed to support measurements you make with your TekMeter® or oscilloscope*1.

A621 2000 Amp AC Current Probe/BNC

This industrial-style clamp-on probe has a BNC connector and may be used with a shrouded banana plug adapter*1 so it can be used on digital multimeters, TekMeter, and scopes. The A621 can measure AC currents from 100 mA to 2000 A peak over a frequency range of 5 Hz to 50 kHz. It provides a 1 mV, 10 mV, or 100 mV output for each Amp measured.

A622 100 Amp AC/DC Current Probe/BNC

This "long nose" style clamp-on probe uses a Hall Effect current sensor to provide a voltage output to oscilloscopes. It has a BNC connector and may be used with a shrouded banana plug adapter*1 so it can also be used on digital multimeters, TekMeter, and scopes. The A622 can measure AC/DC currents from 50 mA to 100 A peak over a frequency range of DC to 100 kHz. It provides 10 mV or 100 mV output for each Amp measured.

Recommended Products

TPS2000, TDS1000B, TDS2000C, and TDS3000C Series oscilloscopes and DMM4020*1, DMM4040*1, and DMM4050*1 digital multimeters.

*1 For instruments with banana jack inputs, Tektronix part number 012-1450-00 Female BNC to banana lead adapter is required.

CE

Tektronix is registered to ISO 9001 and ISO 14001 by SRI Quality System Registrar.

Cosinus Messtechnik GmbH
Rotwandweg 4
D-82024 Taufkirchen
Tel 089-665594-0
Fax 089-665594-30
e-Mail: office@cosinus.de
Internet: www.cosinus.de