

RIGOL

Coefficient for Sensitivity	range of 0°C to 40°C)
Maximum Rated Power	5.5 VA (within maximum continuous input range)
Rated Supply Voltage	+12 V±1 V
Operating Temperature and Humidity Range	0°C to 40°C, ≤80% RH (no condensation)
Storage Temperature and Humidity Range	-10°C to +50°C, ≤80% RH (no condensation)
Location for Use	Indoor, altitude up to 2,000 m, Pollution Degree 2
Period of Guaranteed Accuracy	1 year (opening/closing up to 10,000 times)
Effect of External Magnetic Fields	≤150 mA (in a DC or 60 Hz, 400 A/m magnetic field)
Diameter of Measurable Conductor	20 mm
Measurable Conductor	Insulated conductor
Cable Length	Sensor cable: approx. 2 m Power supply cable: approx. 1 m
External Dimension	Sensor: approx. 176W X 69H X 27D (mm) Terminator: approx. 27H X 55W X 18D (mm)
Mass	Approx. 500g
Accessories	User Guide, Probe Case
Safety	EN61010
EMC	EN61326

RP1006C

Bandwidth	DC to 2 MHz (-3 dB), refer to Appendix 1 Amplitude-frequency Characteristics (RP1006C)
Rise Time	≤175 ns
Maximum Continuous Input Range	500 Arms, refer to Appendix 2 Relation between Max Input Current and Frequency (RP1006C)

Maximum Peak Current Value	700A peak, non-continuous
Gain	0.01 V/A
Amplitude Accuracy	$\pm 1.0\%$ rdg ± 5 mV, ≤ 500 Arms $\pm 2.0\%$ rdg, ≤ 700 A peak (DC, 45 Hz to 66 Hz)
Noise	≤ 25 mArms (for BW 20MHz waveform measuring instrument)
Input Impedance	Refer to Appendix 3 Input Impedance (Typical) (RP1006C)
Temperature Coefficient for Sensitivity	$\leq \pm 2\%$ (during input of 50 Hz, 500 Arms within range of 0°C to 40°C)
Maximum Rated Power	7.2 VA (within maximum continuous input range)
Rated Supply Voltage	+12 V ± 0.5 V
Operating Temperature and Humidity Range	0°C to 40°C, $\leq 80\%$ RH (no condensation)
Storage Temperature and Humidity Range	-10°C to +50°C, $\leq 80\%$ RH (no condensation)
Location for Use	Indoor, altitude up to 2,000 m, Pollution Degree 2
Period of Guaranteed Accuracy	1 year (opening/closing up to 10,000 times)
Effect of External Magnetic Fields	≤ 800 mA (in a DC or 60 Hz, 400 A/m magnetic field)
Diameter of Measurable Conductor	20 mm
Measurable Conductor	Insulated conductor
Cable Length	Sensor cable: approx. 2 m Power supply cable: approx. 1 m
External Dimension	Sensor: approx. 176W X 69H X 27D (mm) Terminator: approx. 27H X 55W X 18D (mm)
Mass	Approx. 520g
Accessories	Probe Case
Safety	EN61010
EMC	EN61326