

960 01

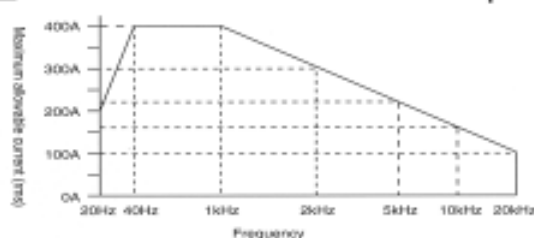
Clamp-on Probe



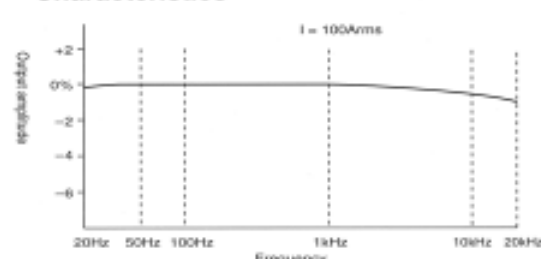
■ Features

- Compact and light with high-performance
- 20 Hz to 20 kHz wide frequency characteristics
- Can be connected to a Digital Multimeter
- Need not be connected to a power source
- Fit to waveform measurement using oscilloscopes and oscillographic recorders

■ Maximum Allowable Current vs. Frequency



■ Waveform Monitoring Output Frequency Characteristics



■ Specifications

- Measuring range : 0 to 400 A ACrms (600 A peak)
 Output voltage : 0 to 4 V ACrms (10 mV/A)
 Accuracy (at 23°C ± 5°C, sine wave input)
- (amplitude) ±1.5% of rdg. ±0.4 mV (20 Hz to 40 Hz)
 ±1.0% of rdg. ±0.2 mV (40 Hz to 1 kHz)
 ±(0.8 + 0.2 x f kHz)% of rdg. ±(0.2 + 0.04 x f kHz) mV (1 to 20 kHz)
 - (phase) within ±3° (40 Hz to 1 kHz)
- Temperature coefficient : 0.05% fs/°C in a range of 0°C to 18°C and 28°C to 50°C
- Maximum allowable current (rms) : See the figure to the Left.
- Output impedance : approximately 30Ω
- Load impedance : 100kΩ min./100 pF max.
- Effect of external magnetic field : 2 mV (0.2 A) or less at 400 A/m
- Voltage of circuit under measurement : 600 V ACrms maximum
- Diameter of applicable conductor : maximum diameter of 33 mm
- Operating temperature and humidity limits : 0°C to 50°C, 80% R.H. max. (non-condensing)
- Storage temperature limits : -20°C to 60°C (non-condensing)
- Withstanding voltage : 3.7 kV AC for one minute (core and case, and core and output terminals)
- Safety : Complied standard BS EN61010-1;1993
 BS EN61010-2-031;1995
 Insulation class II Double insulation
 Installation category AC/DC300V III
 AC/DC600V II
 Pollution degree 2
- EMC : Complied standard EN50081-1;1992
 EN55022;1995 Class B
 EN50082-1;1992
 IEC60801-3;1984(3V/m)
 IEC60801-2;1984(8kV)
- External dimensions : approximately 73 (W) x 130 (H) x 30 (D) mm
- Weight : approximately 220 g
- Output cord length : approximately 2.5 meters (with banana plug)
- Accessories : one portable case and one instruction manual

MCC 960 01-E

YOKOGAWA ◆
 Yokogawa M&C Corporation

World Wide Web site at
http://www.yokogawa.co.jp/MCC/welcome_e.htm

△ NOTICE

- Before using the product, read the instruction manual carefully to ensure proper and safe operation.

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