

## Clamp Sensors/Adaptors

# MODEL 8112



- AC CLAMP ADAPTOR
- Model 8112 clamp adaptor is designed to be an AC current/voltage conversion probe capable of measuring AC current from 0.1mA to 120A in conjunction with digital multimeters. Simple to operate, the unit has range switch position at 200mA, 2A and 20A. It also features safety design throughout with no exposed metal parts.

•  $\phi 8$

MAX  
120A

AC A

Technical SPECIFICATIONS :

Range	Measuring Ranges	Output Voltage	Accuracy	Frequency Response
200mA	AC 0 - 500mA	AC1V/A (1000mA→1V)	$\pm 1.5\% \text{rdg} \pm 0.2\text{mA}$	50Hz - 1kHz
	AC 0 - 1000mA		$\pm 3\% \text{rdg} \pm 0.4\text{mA}$	40Hz - 10kHz
2A	AC 0 - 20A	AC100mV/A (20A→2V)	$\pm 1\% \text{rdg} \pm 1\text{mA}$	40Hz - 1kHz
			$\pm 1.5\% \text{rdg} \pm 2\text{mA}$	1k - 10kHz
20A	AC 0 - 20A	AC10mV/A (120A→1.2V)	$\pm 1\% \text{rdg} \pm 0.01\text{A}$	40Hz - 1kHz
	AC 20 - 60A		$\pm 2.5\% \text{rdg}$	50Hz - 10kHz
	AC 60 - 120A		$\pm 2.5\% \text{rdg}$	100Hz - 10kHz
Conductor Size		Ø8mm max.		
Frequency Characteristics		30Hz - 100kHz (-3dB)		
Safety Standard		IEC 61010-1 CAT II 100V Pollution Degree 2		
Withstand Voltage		500V AC for 1 minute		
Dimensions		153(L) × 18(W) × 23(D)mm		
Weight		100g approx.		
Accessories		9057 (Carrying Case) Instruction Manual		