CLAMP SENSOR/CLAMP ADAPTOR

KEW 8115

CLAMP SENSOR

Ø12 | AC MAX 130A | DC MAX 180A | DC AC A | AUTO POWER OFF

CE

- Permits extension of the AC and DC current ranges of almost any Digital Multimeters (DMMs) without breaking the circuit under test.
- Using KEW 8115 with KEW 1051/1052 (DMM) the display can be set for direct reading in A.

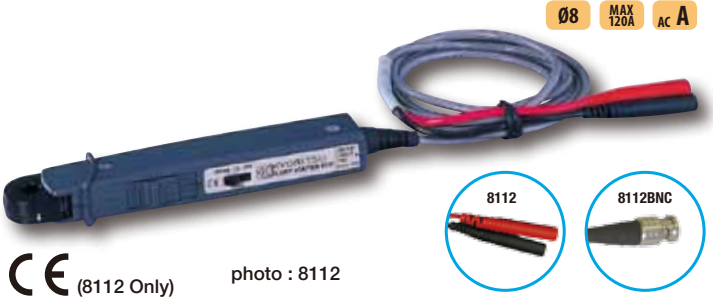
	8115	
Measuring range	AC 0.1 - 130Arms	DC 0 - ±180A
Output voltage	AC 10mV/A	DC 10mV/A
Accuracy	±1.2%rdg±0.4mV (50/60Hz) ±2.5%rdg±0.4mV (40Hz - 1kHz)	±1.2%rdg±0.4mV (*)
Low battery warning	2.2V±0.2V or less - Red LED flash (1.9V±0.2V - Automatically power off)	
Conductor size	ϕ12mm max.	
Operating temperature & humidity range	-10 to 55°C, relative humidity 85% or less (no condensation)	
Output impedance	Approx. 10Ω or less	
Applicable Standards	IEC 61010-1 CAT Ⅲ 300V Pollution degree 2, IEC 61010-2-032, IEC 61326-1	
Power source	LR03(AAA)(1.5V) × 2 Continuous use: approx. 40 hours(Auto power off: approx. 20 minutes)	
Cord length	Approx. 1,200mm	
Output connector	ϕ4mm banana plug	
Dimensions	127(L) × 42(W) × 22(D) mm	
Weight	Approx. 140g	
Accessories	9095(Carrying case), LR03(AAA) × 2, Instruction manual	

*This accuracy is defined after the completion of the KEW 8115 zero-adjustment whilst connected to a DMM.

MODEL 8112/8112BNC

CLAMP ADAPTOR

Ø8 | MAX 120A | AC A



CE (8112 Only)

photo : 8112

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.

Model 8112BNC is an AC clamp adaptor designed for use with oscilloscopes. Output cord has a BNC connector which enables direct observation of current waveform on oscilloscope. Specifications are same as those for Model 8112.

		8112/8112BNC		
Range	Measuring ranges	Output voltage	Accuracy	Frequency response
200mA	AC 0 - 500mA	AC1V/A (1000mA→1V)	±1.5%rdg±0.2mA	50Hz - 1kHz
	AC 0 - 1000mA		±3%rdg±0.4mA	40Hz - 10kHz
2A	AC 0 - 20A	AC100mV/A (20A→2V)	±1%rdg±1mA	40Hz - 1kHz
			±1.5%rdg±2mA	1k - 10kHz
20A	AC 0 - 20A	AC10mV/A (120A→1.2V)	±1%rdg±0.01A	40Hz - 1kHz
	AC 20 - 60A		±2.5%rdg	50Hz - 10kHz
	AC 60 - 120A		±2.5%rdg	100Hz - 10kHz
Conductor size		ϕ8mm max.		
Frequency characteristics		30Hz - 100kHz(-3dB)		
Applicable Standard		IEC 61010-1 CAT Ⅱ 100V Pollution degree 2(8112 Only).		
Dimensions		153(L) × 18(W) × 23(D)mm		
Weight		100g approx.		
Accessories		9057(Carrying case) Instruction manual		

KEW 8161 NEW

CLAMP SENSOR

Ø24 | MAX 100A | AC A

CE

- KEW 8161 clamp sensor is designed to be an AC current / voltage conversion probe capable of measuring AC current up to 100A in conjunction with digital multimeters.

	8161
Measuring range	AC0 - 100A
Output voltage	AC 1000mV/AC 100A(10mV/A)
Accuracy	±2.0%rdg±3.0mV (45 - 65Hz) ±2.5%rdg±3.0mV (65 - 1kHz)
Conductor size	ϕ24mm max.
Operating temperature & humidity range	-10 - 50°C, relative humidity: 85% or less(no condensation)
Output impedance	22Ω or less
Applicable Standards	IEC 61010-1 CAT Ⅲ 300V Pollution degree 2 IEC 61010-2-032, IEC 61326-1,2-2
Withstand voltage	AC3470Vrms (50/60Hz)for 5 sec.
Insulation resistance	50MΩ or greater at 1000V
Output connector	22Ω or less
Dimensions	97(L) × 59(W) × 26(D)mm
Cable length	Approx. 1.2m
Weight	270g approx.
Accessories	Instruction manual