

# SENSORS

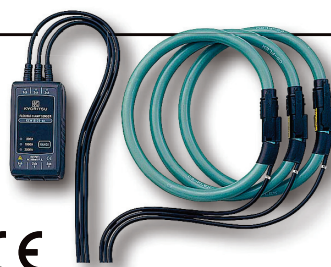
## Load current Clamp sensors

### KEW 8129

MAX 3000A Ø150

8129-01 (for 1ch)  
8129-02 (for 2ch)  
8129-03 (for 3ch)

**FLEXIBLE CLAMP SENSOR  
CAN MEASURE UP TO  
AC3000A HIGH CURRENT**



### KEW 8130

MAX 1000A Ø110



	8129-01 (for 1ch)	8129-02 (for 2ch)	8129-03 (for 3ch)	8130
Conductor size	max. φ150mm			max. φ110mm
Rated current	AC 300/1000/3000A			AC 1000A
Output voltage	300A Range : AC500mV/AC300A (1.67mV/A) 1000A Range : AC500mV/AC1000A (0.5mV/A) 3000A Range : AC500mV/AC3000A (0.167mV/A)			AC 500mV/1000A (AC 0.5m V/A)
Accuracy	±1.0%rdg (45 - 65Hz)			±0.8%rdg±0.2mV (45Hz - 65Hz) ±1.5%rdg±0.4mV (40Hz - 1kHz)
Phase shift	within ±1°			within ±2.0° (45 - 65Hz)
Cable length Output connector	Sensor part : Approx. 2m Output cable : Approx. 1m MINI DIN 6PIN			Approx. 3m MINI DIN 6pin
Operating temperature & humidity ranges	0 - 50°C, relative humidity 85% or less (no condensation)			-10 - 50°C, relative humidity 85% or less (no condensation)
Output impedance	100Ω or less			100Ω or less
Applicable Standards	IEC 61010-1, IEC 61010-2-032 CAT III 600V Pollution degree2, IEC 61326			IEC 61010-1, IEC 61010-2-030, IEC 61010-2-032 CAT IV 300V /CAT III 600V Pollution degree 2 IEC 61326
Dimensions	111(L) × 61(W) × 43(D) mm (except for protrusions)			AMP box 65(L) × 24(W) × 22(D)mm(except for protrusions)
Weight	Approx. 410g	Approx. 680g	Approx. 950g	Approx. 180g
Accessories	Instruction manual 7199 (Output cable) × 1 9137 (Carrying case)	Instruction manual 7199 (Output cable) × 2 9137 (Carrying case)	Instruction manual 7199 (Output cable) × 3 9137 (Carrying case)	Instruction manual Cable marker 9095(Carrying case)
Applicable models	5010, 5020, 6305, 6315			

### MODEL 8128

### MODEL 8127

### MODEL 8126

### MODEL 8125

### MODEL 8124

MAX 50A Ø24

MAX 100A Ø24

MAX 200A Ø40

MAX 500A Ø40

MAX 1000A Ø68



	8128	8127	8126	8125	8124
Conductor size	φ24mm	φ24mm	φ40mm	φ40mm	φ68mm
Rated current	AC 5A (Max.50A)	AC 100A	AC 200A	AC 500A	AC 1000A
Output voltage	AC 50mV/5A [Max. 500mV/50A](AC 10mV/A)	AC 500mV/100A (AC 5mV/A)	AC 500mV/200A (AC 2.5mV/A)	AC 500mV/500A (AC 1mV/A)	AC 500mV/1000A (AC 0.5mV/A)
Accuracy	±0.5%rdg±0.1mV (50/60Hz) ±1.0%rdg±0.2mV (40Hz - 1kHz)				±0.5%rdg±0.2mV (50/60Hz) ±1.5%rdg±0.4mV (40Hz - 1kHz)
Phase shift	within ±2.0° (45 - 65Hz)		within ±1.0° (45 - 65Hz)		
Cable length : Output connector	Approx. 3m : MINI DIN 6pin				
Operating temperature ranges	-0 - 50°C, less than 85% RH ( without condensation)				
Output impedance	Approx. 20Ω	Approx. 10Ω	Approx. 5Ω	Approx. 2Ω	Approx. 1Ω
Applicable Standards	IEC 61010-1, IEC 61010-2-032 CAT III 300V Pollution degree 2 IEC 61326		IEC 61010-1, IEC 61010-2-032 CAT III 600V Pollution degree 2 IEC 61326		
Dimensions	100(L) × 60(W) × 26(D)mm		128(L) × 81(W) × 36(D)mm		186(L) × 129(W) × 53(D)mm
Weight	Approx. 160g		Approx. 260g		Approx. 510g
Accessories	9095 (Carrying case), Instruction manual, Cable marker				9094 (Carrying case) Instruction manual, cable marker
Optional	7146 (Banana φ4 adjuster plug), 7185 (Extension cable)				
Applicable models	5010, 5020, 6305, 6315				