

SENSORS

Leakage & Load current Clamp sensors

KEW **8146**

MAX 30A Ø24



KEW **8147**

MAX 70A Ø40



KEW **8148**

MAX 100A Ø68



	8146	8147	8148
Conductor size	φ24mm	φ40mm	φ68mm
Rated current	AC 30A	AC 70A	AC 100A
Output voltage	AC 1500mV/30A (AC 50mV/A)	AC 3500mV/70A (AC 50mV/A)	AC 5000mV/100A (AC 50mV/A)
Accuracy	0 - 15A ±1.0%rdg±0.1mV (50/60Hz), ±2.0%rdg±0.2mV (40Hz - 1kHz) 15 - 30A ±5.0%rdg (50/60Hz), ±10.0%rdg (45Hz - 1kHz)	0 - 40A ±1.0%rdg±0.1mV (50/60Hz), ±2.0%rdg±0.2mV (40Hz - 1kHz) 40 - 70A ±5.0%rdg (50/60Hz), ±10.0%rdg (45Hz - 1kHz)	0 - 80A ±1.0%rdg±0.1mV (50/60Hz), ±2.0%rdg±0.2mV (40Hz - 1kHz) 80 - 100A ±5.0%rdg (50/60Hz), ±10.0%rdg (45Hz - 1kHz)
Cable length : Output connector	Approx. 2m : MINI DIN 6pin		
Operating temperature ranges	-0 - 50°C, less than 85% RH (without condensation)		
Output impedance	Approx. 90Ω	Approx. 100Ω	Approx. 60Ω
Applicable Standards	IEC 61010-1, IEC 61010-2-032 CAT III 300V 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. 150g	Approx. 240g	Approx. 510g
Accessories	9095(Carrying case), Instruction manual, Cable marker		
Optional	7146(Banana φ4 adjuster plug), 7185(Extension cable)		
Applicable models	5010, 5020, 6315(Cannot be used for power measurements.)		

Load current Clamp sensors

KEW **8121**

MAX 100A Ø24



KEW **8122**

MAX 500A Ø40



KEW **8123**

MAX 1000A Ø55



	8121	8122	8123
Conductor size	φ24mm	φ40mm	φ55mm
Rated current	AC 100A	AC 500A	AC 1000A
Output voltage	AC 500mV/100A (AC 5mV/A)	AC 500mV/500A (AC 1mV/A)	AC 500mV/1000A (AC 0.5mV/A)
Accuracy	±2.0%rdg±0.3mV (50/60Hz), ±3.0%rdg±0.5mV (40Hz - 1kHz)		
Cable length : Output connector	Approx. 2m : MINI DIN 6pin		
Operating temperature ranges	-0 - 40°C, less than 85% RH (without condensation)		
Output impedance	Approx. 9.5Ω	Approx. 1.9Ω	Approx. 1.5Ω
Applicable Standards	IEC 61010-1, IEC 61010-2-032, CAT III 300V Pollution degree 2, IEC 61326	IEC 61010-1, IEC 61010-2-032, AT III 600V Pollution degree 2, IEC 61326	
Dimensions	97(L) × 59(W) × 26(D)mm	128(L) × 81(W) × 36(D)mm	170(L) × 105(W) × 48(D)mm
Weight	Approx. 150g	Approx. 260g	Approx. 360g
Accessories	9095(Carrying case), Instruction manual, Cable marker		
Optional	7146(Banana φ4 adjuster plug), 7185(Extension cable)		
Applicable models	5010, 5020		

Leakage current Clamp sensors

KEW **8141**

MAX 1000mA Ø24



KEW **8142**

MAX 1000mA Ø40



KEW **8143**

MAX 1000mA Ø68



	8141	8142	8143
Conductor size	φ24mm	φ40mm	φ68mm
Rated current	AC 1000mA	AC 1000mA	AC 1000mA
Output voltage	AC 100mV/1000mA (AC 100mV/A)		
Accuracy	±1.0%rdg±0.1mV(50/60Hz), ±2.0%rdg±0.1mV (40Hz - 1kHz)		
Cable length : Output connector	Approx. 2m : MINI DIN 6pin		
Operating temperature ranges	-0 - 50°C, less than 85% RH (without condensation)		
Output impedance	Approx. 180Ω	Approx. 200Ω	Approx. 120Ω
Applicable Standards	IEC 61010-1, IEC 61010-2-032, CAT III 300V 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. 150g	Approx. 240g	Approx. 490g
Accessories	9095(Carrying case), Instruction manual		
Optional	7146(Banana φ4 adjuster plug), 7185(Extension cable)		
Applicable models	5010, 5020, 6315(Cannot be used for power measurements.)		