

PRODUCTS

 Voltage Sensor

- Multimeters
- Voltage Testers

KEW

8309
[▶ Applicable model table](#)
Floating voltage can be measured

*Floating voltage:
phase to phase voltage not grounded

*KEW 5020-01:
KEW 5020 logger with KEW 8309 (1 pce.)

For use with following model

[5020](#)


CE

- LOOP/PFC/PSC Testers

- RCD Testers

- Multi Function Testers

- Combi Tester

- Portable Appliance Testers

- Power Meters

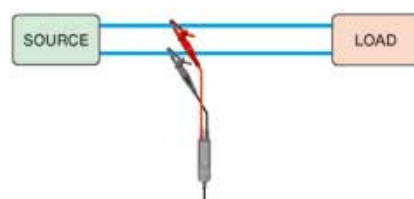
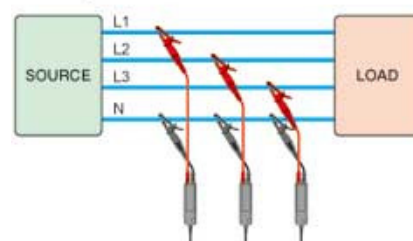
- Sensors, Multi-Trans, Clamp Adaptors

- Others

- Accessories

- Discontinued Products

Max. input voltage	AC 600Vrms(sin), 848.4Vpeak
Input system	Differential input (can measure floating voltage)
Output voltage	AC 0~60mV (output/input: 0.1mV/V)
Measuring ranges	6~600V
Accuracy (Frequency range)	±1.0%rdg±0.1mV (50/60Hz)
Operating Temperature and Humidity Ranges	-10~50°C, relative humidity 85% or less (no condensation)
Input impedance	Approx. 3.4MΩ
Output impedance	Approx. 180Ω
Location for use	Altitude up to 2000m, Indoors
Applicable standards	IEC/EN 61010-1:2001 CAT.III 600V, pollution degree 2 IEC/EN 61010-031:2002, IEC 61326 (EMC)
Withstand voltage	5350V (rms 50/60Hz) for 5 sec. between measuring terminal and enclosure
Dimensions	87(L)×26(W)×17(D)mm (excluding protrusions)
Weight	Approx. 135g
Total length	Approx. 2m
Output connector	MINI DIN 6PIN
Accessories	Instruction manual
Optional	7185 (Extension cable)

Examples of connection**Singe-phase 2-wire****Three-phase 4-wire**
3 voltage sensors are used.

Three-phase 3-wire

Measuring the floating voltage
using 3 voltage sensors.

