



For pulse totalization and measuring logical ON/OFF signals or revolutions

WIRELESS PULSE LOGGER LR8512



For applications such as:

Air conditioning (flow rate), automobiles (flow rate, vehicle speed), cogeneration (flow rate)

Easily manage and record flow rates

Record and manage flow rates for liquids such as water, gas, and petroleum. You can measure the flow meter's output signal (pulse) to visualize daily fluctuations.



Specifications (Accuracy guaranteed for 1 year)

No. of input channels	2 channels (common GND)
Measurement modes	Integrating (cumulative/Instant), Revolution, Logic (Records an I/O for each recording interval)
Supported input format	Non-voltage "a" contact (always-open contact point), open collector, or voltage input (DC 0 V to 50 V)
Recording intervals	0.1 to 30 sec, 1 to 60 min, 16 selections
Recording modes	Instantaneous value
Dimensions, Weight	85W×61H×31D mm (3.35W×2.40H×1.22D in), 95 g (Not including the battery)

Pulse input

Pulse input cycle	200 μs or higher when the filter is set to OFF (must be 100 μs or higher in H period and L period.) 100 ms or higher when the filter is set to ON (must be 50 ms or higher in H period and L period.)		
Measurement objects	Range	Max. Resolution	Measurement Range
Totalization	1000M pulse f.s.	1 pulse	0 to 1000 M pulse
No. of revolutions	5000/n [r/s] f.s.	1/n [r/s]	0 to 5000/n [r/s]

*n is the number of pulses, 1 to 1000, per revolution.

Models and accessories *AC Adapter is not included.

Model: WIRELESS PULSE LOGGER LR8512

Model No. (Order Code): LR8512

Accessories: CD-R (Instruction Manual, Logger Utility, Wireless Logger Collector) × 1, Measurement Guide × 1, Caution for Using Radio Waves × 1, AA alkaline batteries (LR6) × 2 Connection Cable L1010 × 2

Exclusive options *Please see last page for shared options.

CONNECTION CABLE L1010
1.5 m (4.92 ft)
Bundled and also available for additional purchase



Supports voltage input and thermocouple types K and T with a single device

WIRELESS VOLTAGE/ TEMP LOGGER LR8515



For applications such as:

Various tests for electronics/automobiles/transportation, PV maintenance

Record voltage and temperature with a single device

You can use a single device to measure everything from the minute voltages of pyranometers or heat flow sensors to battery voltage.

Also view the correlation between voltage and temperature.



Specifications (Accuracy guaranteed for 1 year)

No. of input channels	2 ch (isolated; select voltage of thermocouple for each channel)
Measurement items	Voltage/ Thermocouple (K, T)
Input terminals	M3 screw type terminal block (2 terminals per channel)
Maximum input voltage	DC±50 V
Max. inter-channel voltage	DC 60 V
Recording intervals	0.1 to 30 sec, 1 to 60 min, 16 selections
Recording modes	Instantaneous value
Dimensions, Weight	85W×75H×38D mm (3.35W×2.95H×1.50D in), 126 g (Not including the battery)

Measurement ranges

Measurement objects	Range	Max. Resolution	Measurable Range	Measurement Accuracy	
Voltage	50 mV f.s.	0.01 mV	-50 mV to 50 mV	±0.05 mV	
	500 mV f.s.	0.1 mV	-500 mV to 500 mV	±0.5 mV	
	5 V f.s.	1 mV	-5 V to 5 V	±5 mV	
	50 V f.s.	10 mV	-50 V to 50 V	±50 mV	
Thermocouples	K	1000 °C f.s.	0.1 °C	-200 °C to -100 °C	±1.5 °C
				-100 °C to 999.9 °C	±0.8 °C
	T	1000 °C f.s.	0.1 °C	-200 °C to -100 °C	±1.5 °C
				-100 °C to 0 °C	±0.8 °C
				0 °C to 400 °C	±0.6 °C

Reference junction compensation: Switchable between internal and external

Reference junction compensation accuracy: ±0.5°C

(When using internal compensation, add to thermocouple measurement accuracy.)

Temperature characteristics: Add (measurement accuracy × 0.1)/°C to measurement accuracy.

Models and accessories *Thermocouples and AC Adapter are not included.

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Model No. (Order Code): LR8515

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