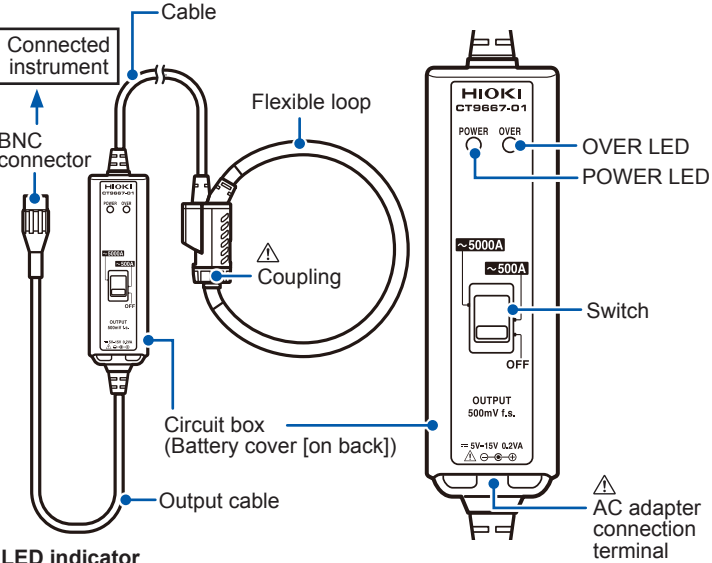


	CT9667-01	CT9667-02	CT9667-03
Conditions of guaranteed accuracy	Guaranteed accuracy period:		1 year
	Opening and closing of the flexible loop:		10000 times or less
	Accuracy guarantee for temperature and humidity:		23°C±5°C (73°F±9°F), 80% RH or less
	(With no flexible loop stretching, damage, or cross-sectional deformation in shape)		
Measurement accuracy			
Amplitude accuracy	±2% rdg. ±0.3% f.s. (at 45 Hz to 66 Hz, at flexible loop center)		
Phase accuracy	Within ±1.0° (at 45 Hz to 66 Hz)		
Temperature coefficient	In the operating temperature range, add 0.05 × specified accuracy/°C (at temperatures other than 23°C ±5°C).		
Effect of conductor position	Within ±3% (deviation from center)		
Effect of external magnetic field	2.4% f.s. or less. (400 A/m, 50 Hz/ 60 Hz)		
Offset voltage	±1 mV or less		

Parts Names

Example: CT9667-01

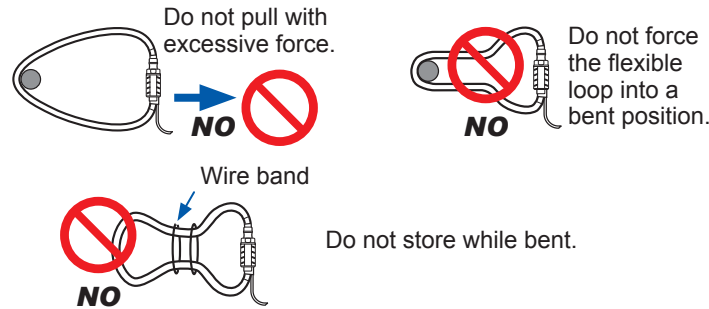


LED indicator

	Lights up (Green)	Lights up (Red)	Turns off
POWER LED	Power on.	Battery life is low.*	There is no battery life remaining*, or power off.
OVER LED	–	Range exceeded (peak value of at least 3 × range).	Normal measurement, or power off.

* When using battery power.

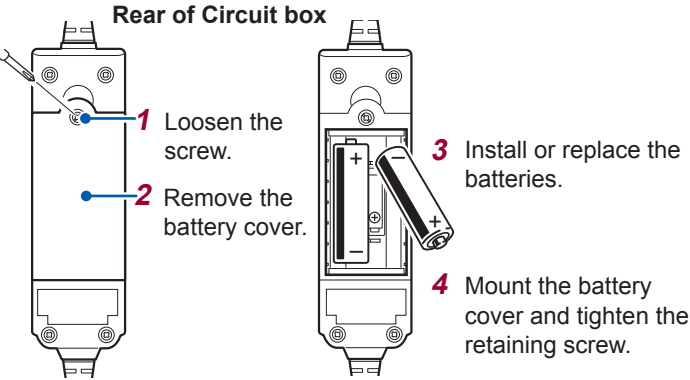
- When using an AC adapter, always use the optional AC adapter.
- When using the AC adapter and batteries at the same time, the AC adapter takes precedence. Switching power supplies during measurement may introduce noise into the device's output.
- When using the AC adapter for continuous monitoring, we recommend that you also use batteries to prevent interruptions due to instantaneous power outages.
- After use, always turn off the power.
- Be aware of the following precautions to avoid damage to the device:



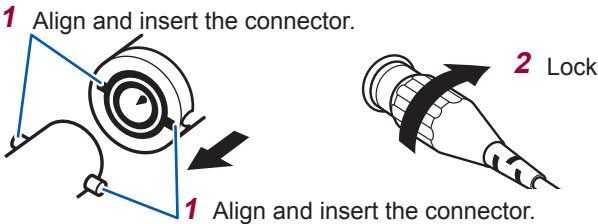
1 Insert/ Replace batteries

Necessary tool: • Two LR6 (AA size) alkaline batteries
• Phillips screwdriver

Turn off the switch on the circuit box and then disconnect the AC adapter.

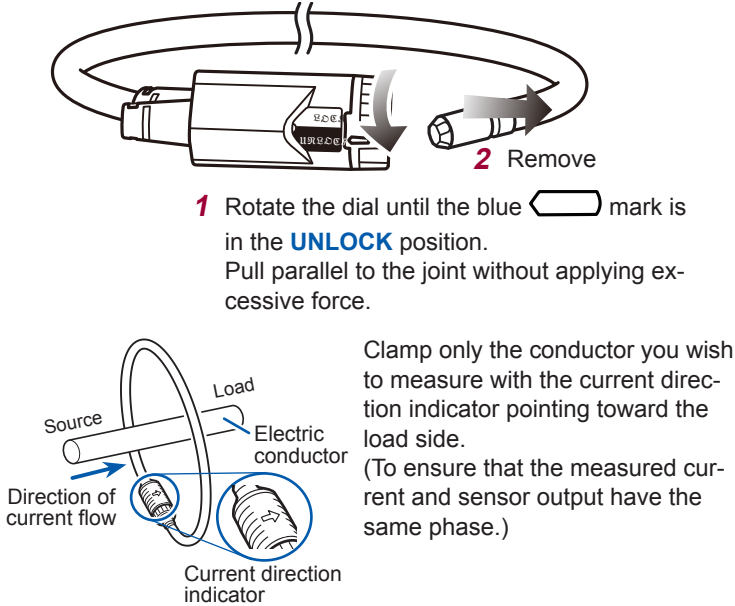


2 Connect the BNC connector to the connected instrument



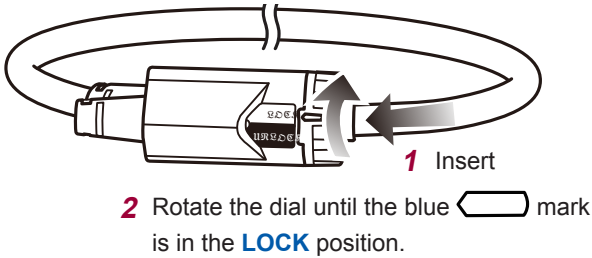
3 Disconnect the flexible loop from the coupling

Example: CT9667-01, CT9667-02



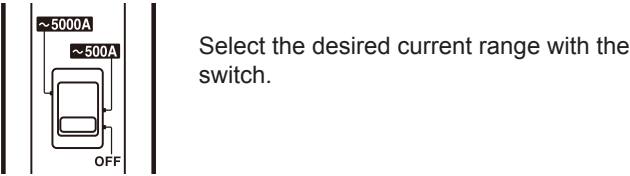
4 Connect the flexible loop to the coupling

Example: CT9667-01, CT9667-02



Pulling on the flexible loop with a large amount of force while in the locked state may cause it to become disconnected from the coupling.

5 Select the range depending on the current value to be measured



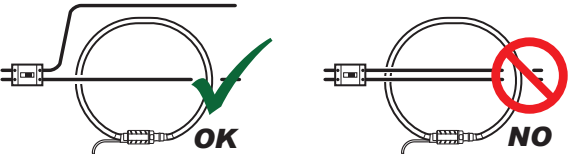
Measurement Methods

Inspection Before Use

Verify that the device operates normally to ensure that no damage occurred during storage or shipping. If you find any damage, contact your authorized Hioki distributor or reseller.

Check Items	Remedy
Is the flexible loop or cable insulation torn, or is any metal exposed?	Device damage may result in electric shock. Contact your authorized Hioki distributor or reseller.
Is there a broken connection involving the connector or sensor base?	Broken connections will make proper measurement impossible. Discontinue use and contact your authorized Hioki distributor or reseller.
When the switch is placed in any position other than OFF, does the POWER LED turn green?	Lights up (red): Battery life is low. → Replace the batteries soon. Turns off: There is no battery life remaining. → Replace the batteries immediately.

- Attach the clamp around only one conductor. If you clamp single-phase (2-wire) or three-phase (3-wire) conductors together, the device will not be able to make a measurement.



Memo