

# HIOKI

## AC FLEXIBLE CURRENT SENSOR CT9667

由堉宸科技代理販售，若有任何問題請洽  
[www.yuctech.com.tw](http://www.yuctech.com.tw)

**Introducing 2 new variations with a thinner cable!**



**Easy to loop around,  
even in confined spaces**



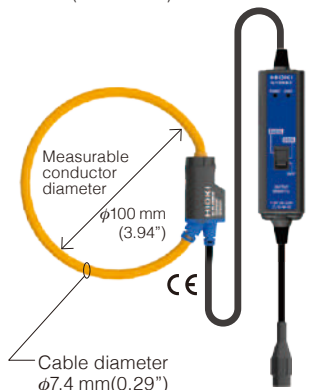
Use with a power quality analyzer or power meter

# Thinner cable type is easy to use in confined spaces and with complex wiring

## Thin cable type

AC FLEXIBLE CURRENT SENSOR CT9667

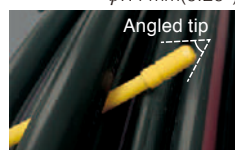
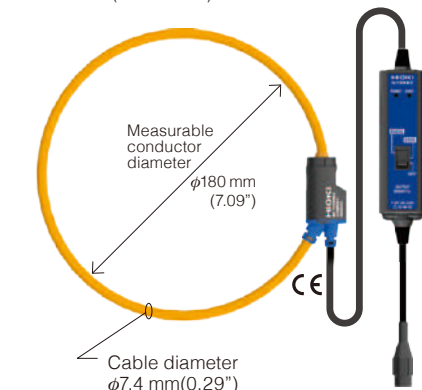
Model No. (Order Code) CT9667-01



In confined spaces

AC FLEXIBLE CURRENT SENSOR CT9667

Model No. (Order Code) CT9667-02

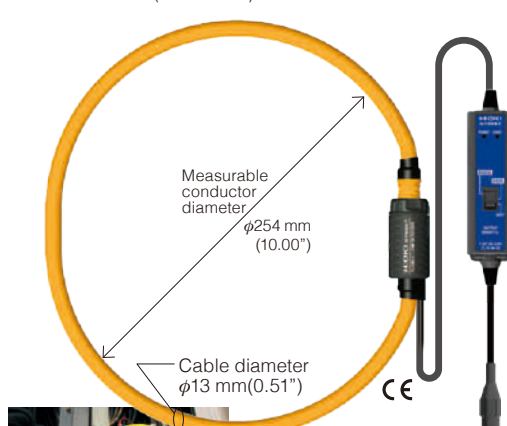


Shaped so that it's easy to route through complex wiring

## Large-diameter type

AC FLEXIBLE CURRENT SENSOR CT9667

Model No. (Order Code) CT9667-03



For large-diameter applications such as busbars

## Designed for use with power quality analyzers and clamp-on power meters

Use with the following products.

### Power quality analyzers



PW3198 \*Discontinued



3197 \*Discontinued

### Clamp-on power meters



PW3360



PW3365



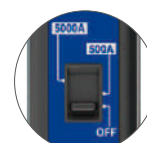
3169

### Basic specifications (Accuracy guaranteed for 1 year, Post-adjustment accuracy guaranteed for 1 year)

	CT9667-01	CT9667-02	CT9667-03
Rated input current	5000 A AC/ 500 A AC		
Max. allowable input	10000 A continuous (45 to 66 Hz, requires derating at frequency)		
Bandwidth	10 Hz to 20 kHz (±3dB)		
Amplitude and phase accuracy	±2 % rdg. ±0.3 % f.s. (45 to 66 Hz, at center of flexible loop) Phase: ±1 deg (45 to 66 Hz)		
Output voltage	500 mV AC/f.s. (0.1 mV AC/A) at 5000 A range, 500 mV AC/f.s. (1 mV AC/A) at 500 A range		
Max. rated voltage to earth	1000 V AC (CAT III), 600 V AC (CAT IV)		
Core diameter	φ 100 mm (3.94 in)	φ 180 mm (7.09 in)	φ 254 mm (10.00 in)
Output terminal	BNC		
Operating temperature	-25 °C to +65 °C (-13 °F to 149 °F)	-25 °C to +65 °C (-13 °F to 149 °F)	-10 °C to +50 °C (14 °F to 122 °F)
Power supply	LR6 (AA) alkaline batteries ×2, Continuous use : 7 days (rated power 35 mVA), or AC adapter 9445-02/-03 (rated power 0.2 VA), or External power supply 5 to 15 V DC (rated power 0.2 VA)		
Dust and water resistance	Flexible loop only: IP54		N/A
Dimensions and mass	Flexible loop cable diameter: φ7.4 mm (0.29 in), Cable length: Between flexible loop and battery box: 2 m (6.56 ft), Output cable: 1 m (3.28 ft), Battery box: 35 mm (1.38 in)W × 120.5 mm (4.74 in)H × 34 mm (1.34 in)D, 280 g (9.9 oz)		Flexible loop cable diameter: φ13 mm (0.51 in), Cable length: Between flexible loop and battery box: 2 m (6.56 ft), Output cable: 1 m (3.28 ft) Battery box: 35 mm (1.38 in)W × 120.5 mm (4.74 in)H × 34 mm (1.34 in)D, 470 g (16.6 oz)
Accessories	LR6 (AA) alkaline batteries ×2, Instruction manual ×1		



Connection lock mechanism



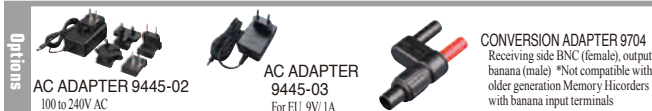
Range switch



Flexible loop (sensor portion)

Model No. (Order Code) **CT9667-01** (φ100 mm (0.30 in))  
**CT9667-02** (φ180 mm (7.09 in))  
**CT9667-03** (φ254 mm (10.00 in))

Note: These current sensors may also be used with HIOKI power quality analyzers, power meters or Memory HiCorders. CT9667 is a flexible current sensor for measuring large currents. It is not suitable for measuring minute current such as leakage current.



AC ADAPTER 9445-02  
100 to 240V AC

AC ADAPTER 9445-03  
For EU, 9V/1A

CONVERSION ADAPTER 9704  
Receiving side BNC (female), output banana (male) \*Not compatible with older generation Memory HiCorders with banana input terminals



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