




AC FLEXIBLE CURRENT SENSOR CT9667

Clamp sensor 

Introducing 2 new variations with a thinner cable!



Easy to loop around, even in confined spaces

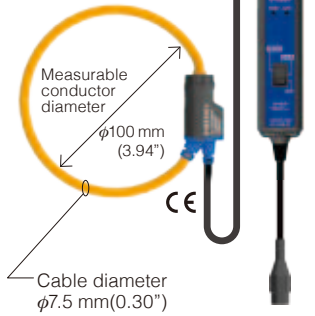


Use with a power quality analyzer or power meter

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

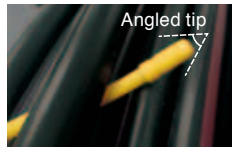
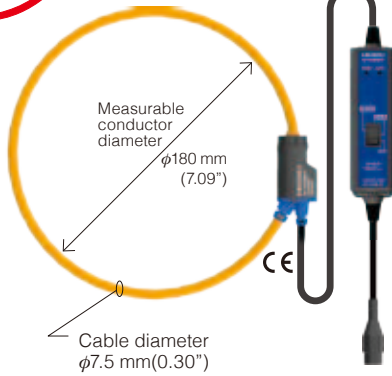
Thin cable type

New CT9667-01

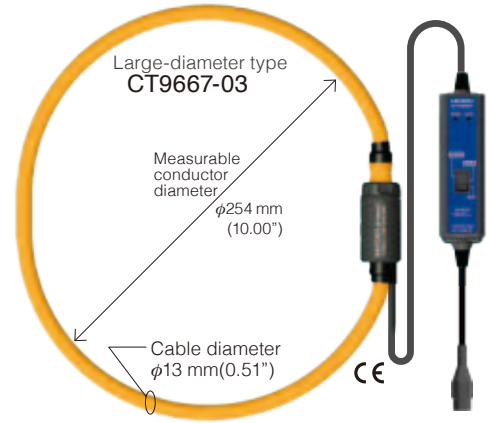


In confined spaces

New CT9667-02



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



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



3197



PW3360



PW3365



3169

Clamp-on power meters

Product specifications

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

Model	CT9667-01	CT9667-02	CT9667-03
Measurable conductor diameter	φ100 mm (3.94")	φ180 mm (7.09")	φ254 mm (10.00")
Rated input current	5000 A AC/ 500 A AC		
Maximum allowable input	Continuous 10000 A (at 45 to 66 Hz, requires derating at frequency)		
Operating temperature range	-10 to 60°C (14 to 140°F)		0 to 50°C (32 to 122°F)
Dust and water resistance	Sensor only IP50 (EN 60529:1991 + A1:2000)		-
Output voltage	5000 A range: 500 mV/f.s. AC (0.1 mV/A AC) 500 A range: 500 mV/f.s. AC (1 mV/A AC)		
Amplitude accuracy	±2% rdg. ±0.3% f.s. (45 to 66 Hz, with conductor positioned at center of loop)		
Phase accuracy	Within ±1° (45 to 66 Hz)		
Frequency bandwidth	10 Hz to 20 kHz (within ±3 dB)		
Maximum rated voltage to earth	1000 V AC (measurement category III), 600 V AC (measurement category IV)		
Power supply	LR6 (AA) alkaline batteries x2; continuous operating time: 7 days; rated output: 35 mVA AC ADAPTER 9445-02 (Universal 100 to 240VAC, 9V/1A output/for UL type); rated output: 0.2 VA AC ADAPTER 9445-03 (universal 100 to 240VAC, 9V/1A output/for EU type); rated output: 0.2 VA External DC power supply (5 to 15 V DC); rated output: 0.2 VA		
Dimensions	Loop cable diameter: φ7.5 mm(0.30")		Loop cable diameter: φ13 mm(0.51")
	Cable length: Between sensor and battery box: 2 m (6.56 ft), Output cable: 1 m (3.28 ft) Battery box: 35 mm (1.38 in)W x 120.5 mm (4.74 in)H x 34 mm (1.34 in)D		
Mass (Including batteries)	280 g (9.9 oz)		470 g (16.6 oz)
Accessories	LR6 (AA) alkaline batteries x2, Instruction manual x1		



Connection lock mechanism



Range switch

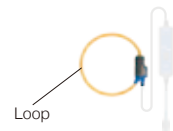
Options



AC ADAPTER 9445-02
(universal 100 to 240VAC,
9V/1A output/for UL type)



AC ADAPTER 9445-03
(universal 100 to 240VAC,
9V/1A output/for EU type)



Loop

HIOKI
HIOKI E. E. CORPORATION

Test Equipment Depot - 800.517.8431 - 99 Washington Street Melrose, MA 02176

TestEquipmentDepot.com