



Model 3812 CL

AC / DC Clamp Meters



Features

- Full Autoranging for V, A and Ω functions.
- Data Hold function freezes reading in dimly lit or hard to reach places.
- Low battery indication.
- Built-in buzzer for continuity test.
- Auto-zero / REL function.
- Non-contact voltage detection.
- Auto power off.

Specifications

ACV

Range	Resolution	Accuracy (at 40~500Hz)
400mV	0.1mV	$\pm (2.0\% \text{ rdg}+3\text{dgt})$
4V	1mV	
40V	10mV	$\pm (1.5\% \text{ rdg}+3\text{dgt})$
400V	100mV	
600V	1V	

*Overload protection: 600V AC RMS

*Frequency Response: 0~400mV at 40Hz~100Hz
4V~600V at 40Hz~500Hz

ACA

Range	Resolution	Accuracy
400A	0.1A	$\pm (1.5\% \text{ rdg}+4\text{dgt})$
1200A	1A	$\pm (2.5\% \text{ rdg}+4\text{dgt})$

*Frequency Response 40Hz~500Hz

DCV

Range	Resolution	Accuracy
400mV	0.1mV	
4V	1mV	
40V	10mV	$\pm (1.0\% \text{ rdg}+3\text{dgt})$
400V	100mV	
600V	1V	

*Overload protection : 600V DC

Digital AC/DC Clamp Meter with NCV Detection DCA

Range	Resolution	Accuracy
400A	0.1A	$\pm (1.5\% \text{ rdg}+4\text{dgt})$
1200A	1A	$\pm (2.5\% \text{ rdg}+4\text{dgt})$

Continuity Test

Range	Audible threshold
400 Ω	Less than 35 Ω

Resistance

Range	Resolution	Accuracy
400 Ω	0.1 Ω	
4K Ω	1 Ω	
40K Ω	10 Ω	$\pm (1.5\% \text{ rdg}+3\text{dgt})$
400K Ω	100 Ω	
4M Ω	1K Ω	
40M Ω	10K Ω	$\pm (2.0\% \text{ rdg}+4\text{dgt})$

*Overload protection : 500V AC RMS or 500V

NCV Test

Range	Frequency
50V~1000V	AC 50Hz~500Hz

Diode Test

Range	Resolution	Accuracy
2V	1mV	$\pm (1.5\% \text{ rdg}+3\text{dgt})$

General

Measurement category:	CAT III 600V
Indication:	LED and Tone
Temperature:	0~40°C
Operating conditions:	Humidity less than 80% R.H. For indoor use only.
Buzzer:	< 35 Ω
Conductor size:	40mm max.
Low battery indication:	
Dimensions:	255(L) x 80(W) x 35(D) mm
Weight:	Approx. 420g (battery included)
Power Source:	9V (6F22) $\times$ 1
Safety standard:	EN 61010-1 CAT III 600V. EN 61010-2-32. EN 61010-2-33 EN 61326-1.
Accessories:	Instruction manual. Test leads. Soft pouch. Battery.