

SEW

DIGITAL AC/DC CLAMP METER (with NCV Detection)



- 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.

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Model
3812 CL

SPECIFICATIONS

ACV

Range	Resolution	Accuracy (at 40~500Hz)
400mV	0.1mV	± (2.0% rdg+3dgt)
4V	1mV	± (1.5% rdg+3dgt)
40V	10mV	± (1.5% rdg+3dgt)
400V	100mV	± (1.5% rdg+3dgt)
600V	1V	± (1.5% rdg+3dgt)

*Overload protection: 600V AC RMS

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

ACA

Range	Resolution	Accuracy
400A	0.1A	± (1.5% rdg+4dgt)
1200A	1A	± (2.5% rdg+4dgt)

*Frequency Response 40Hz~500Hz

DCV

Range	Resolution	Accuracy
400mV	0.1mV	± (1.0% rdg+3dgt)
4V	1mV	± (1.0% rdg+3dgt)
40V	10mV	± (1.0% rdg+3dgt)
400V	100mV	± (1.0% rdg+3dgt)
600V	1V	± (1.0% rdg+3dgt)

*Overload protection : 600V DC

DCA

Range	Resolution	Accuracy
400A	0.1A	± (1.5% rdg+4dgt)
1200A	1A	± (2.5% rdg+4dgt)

Resistance

Range	Resolution	Accuracy
400Ω	0.1Ω	± (1.5% rdg+3dgt)
4KΩ	1Ω	± (1.5% rdg+3dgt)
40KΩ	10Ω	± (1.5% rdg+3dgt)
400KΩ	100Ω	± (1.5% rdg+3dgt)
4MΩ	1KΩ	± (1.5% rdg+3dgt)
40MΩ	10KΩ	± (2.0% rdg+4dgt)

*Overload protection : 500V AC RMS or 500V

Continuity Test

Range	Audible threshold
400Ω	Less than 35Ω


Diode Test

Range	Resolution	Accuracy
2V	1mV	± (1.5% rdg+3dgt)

NCV Test

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

Audible indication	LED indication
V	V

- **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:** < 35Ω
- **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) battery × 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