

Data Sheet

ICM 3091N

AC CLAMP METER

FEATURES

- 3-3/4 Digital LCD, 4000 count
- NCV function (Non-contact voltage detection)
- Data hold function
- Auto power off (30 minutes)
- Auto ranging

IEC1010-1
CAT III 600V

ELECTRICAL SPECIFICATIONS

□ AC Current (Auto Range)

Range	Resolution	Accuracy	Frequency Range	Overload protection
40A	0.01A	±(2%rdg + 10dgts)	50 / 60Hz	660Arms
400A	0.1A			

□ DC Voltage (Auto Range)

Range	Resolution	Accuracy	Input Impedance	Overload protection
400V	0.1V	±(1%rdg + 5dgts)	1MΩ	660Vrms
600V	1V			


□ AC Voltage (Auto Range)

Range	Resolution	Accuracy	Frequency Range	Input Impedance	Overload protection
400V	0.1V	±(1.5%rdg + 10dgts)	50 to 60Hz	1MΩ	660Vrms
600V	1V				
400V	0.1V	±(3%rdg + 15dgts)	400Hz		
600V	1V				


□ Ohms (Resistance)

Range	Resolution	Accuracy	Overload protection
400Ω	0.1Ω	±(1%rdg+5dgts)	660Vrms

□ Continuity beeper

Range	Sound Level	Max Open Circuit Voltage	Overload protection
	≤ 60Ω	0.4	660Vrms

GENERAL SPECIFICATIONS

Numerical Display	3-3/4 digit liquid crystal display (LCD) maximum reading 3999.
Over Range Indication	LCD will show an "OL".
Low Battery Indication	The  is displayed when the battery voltage drops below the operating voltage
Power Source	Two 1.5V, AA battery
Auto power off	30 minute
Battery Life	Approx. 100hr
Operating Temperature and Humidity	0 to 40°C (32 to 104°F) below 80%RH.
Storage Temperature and Humidity	-10 to 60°C (14 to 140°F) below 70%RH.
Dimensions	192x64x31mm
Weight	Approx. 250 g
Jaw Opening Diameter	Cables 25.4 mm
Accessories	Carrying case, Battery & Instruction Manual, Test Lead.

