

CM3212N 3 1/2 Digits Manual Range DMM with Data Hold

Features:

- 3 1/2 Digits LCD display
- Auto polarity and zero adjustment
- Diode test
- AC/DC Volt up to 600V
- DC Current measurement up to 200mA
- Resistance measurement up to 2000Ω
- Data hold
- Tip top test point rubber cover
- Crocodile clip (Optional)
- Conform to IEC1010/EN61010, CAT II 600V, CE-EMC & LVD



GENERAL SPECIFICATION

Display	3 1/2 digit LCD with maximum reading of 1999
Polarity	Automatic, (-) negative polarity indication
Zero Adjustment	Automatic
Over Range Indication	Only the MSD "1" is displayed
Power	Single, standard 9 volt battery NEDA 1604, JIS 006P, IEC6F22
Dimension	232 (L) x 45 (W) x 120 (D) mm
Net Weight	Approx. 160 g (including battery and packaging)

Due to our policy of continual product development we reserve the right to amend the specifications of all mentioned products without notice.

TECHNICAL SPECIFICATION

Accuracies are $\pm$ (% of reading + number of least significant digits), at 23 $\pm$ 5°C, less than 75%RH

DC Voltage	Range	Resolution	Accuracy	Input Impedance	Overload Protection
	2000mV	1mV	$\pm(0.8\% + 1)$	1M Ω	600V DC/AC rms
	20V	0.01V			
	200V	0.1V			
	600V	1V			

AC Voltage	Range	Resolution	Accuracy	Frequency (Hz)	Input Impedance	Overload Protection
	200V	0.1V	$\pm(1.5\% + 10)$	50-200	450k Ω	600V DC/AC rms
	600V	1V				

DC Current	Range	Resolution	Accuracy	Voltage Drop	Overload Protection
	200mA	0.1mA	$\pm(2.0\% + 2)$	200mV	Fast 200mA/250V Fuse

Resistance	Range	Resolution	Accuracy	Open Circuit Voltage	Overload Protection
	2k Ω	0.001k Ω	$\pm(1.0\% + 3)$	$\leq 3.0V$	250V DC/AC rms <10 sec.
	20k Ω	0.01k Ω			
	200k Ω	0.1k Ω			
	2000k Ω	1k Ω			

Diode Test ▶ ◂	Test Voltage	Test Current	Open Circuit Voltage
	3.2V max	1.0 $\pm$ 0.6mA	2.8 - 3.0V

Continuity Test ▶ ◂	Test Range	Test Current	Open Circuit Voltage
	Buzzer sounds when resistance value < 100 Ω	1.0 $\pm$ 0.6mA	2.8 - 3.0V

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