Sanua_® Tokyo Japan

DIGITAL MULTIMETER

PM3

APPLICATIONS AND FEATURES

This instrument is a pocket type digital multimeter designed for the measurement of low-voltage circuit. This is used at small communications equipments, home electric appliances, voltage of lump line, and measurement of various types of batteries. 8.5mm thick body with multi-function

- •4000 count
- 0.7% best accuracy
- Resistance measurement
- Capacitance measurement
- $\begin{tabular}{ll} \ast Not suitable for measurement of condensers with large leak current. \end{tabular}$
- Frequency measurement(AC sine wave only)
- Duty cycle measurement
- Data hold
- Relative value
- Auto power save(15min after the last operation)(cancelable)

SPECIFICATIONS

	Measuring range	Best accuracy	Resolution	Input impedance
DCV	400m/4/40/400/500V	±(0.7%+3)	0.1mV	
ACV	4/40/400/500V	±(2.3%+10)	0.001V	DCV:
Resistance	400/4k/40k/400k/4M/40MΩ	±(2.0%+5)	0.1Ω	$10M\sim100M\Omega$
Capacitance	5n/50n/500n/5μ/50μ/200μF	±(5.0%+10)	0.001nF	
Frequency	9.999/99.99/999.9/9.99k/60.00kHz	$\pm(0.7\%+5)$	0.001Hz	ACV:
Duty cycle	0.1~99%			10M∼11MΩ
Continuity	Buzzer sounds at less than $10{\sim}120\Omega$. Open voltage : approx. 0.4V			
Diode test	Open voltage : approx. 1.5V			

Measuring method	Δ-Σ method
Display	4000 count
Range selection	Auto range
Over display	"OL" is displayed
Polarity	Automatic selection(only " - " is displayed when negative voltage is inputted.)
Battery low warning	Battery() mark lights when the internal battery's power is low.
Sampling rate	Approx. 3 times/sec
Operating temperature / humidity	'0~40°C, 80%RH(Max), No condensation
Storage temperature / humidity	-10~50°C, below 70%RH, No condensation
Environmental condition	Altitude 2000m or below, pollution degree II
Power consumption	6mW(at DCV)
Bandwidth	40~400Hz
Battery	Coin type lithium battery CR2032(3V) x 1
Size / Mass	H108 x W56 x D11.5mm / 85g
Safety standards	EN61010-1 CAT.II 500V
Standard accessories included	Case holder(C-PM3), Instruction Manual





A battery for monitoring has been installed prior to shipment from the factory. It may be discharged before the expiration of the described battery life. This battery is used to check the functions and performance of the product. Specifications and external appearance of the product described above may be revised for modification without prior notice.

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SANWA ELECTRIC INSTRUMENT CO., LTD.

Dempa Bldg, 4-4 Sotokanda 2-Chome, Chiyoda-Ku, Tokyo 101-0021 Japan Tel:+81-3-3251-0941 Fax:+81-3-3256-9740

www.sanwa-meter.co.jp

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