

sanwa®

TOKYO JAPAN

DIGITAL MULTIMETER

PS8a



APPLICATIONS AND FEATURES

This instrument is a portable digital multimeter designed for 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. Solar charge battery DMM

- 4000 count
- 0.7% best accuracy
- Range hold
- Auto power off (15 min.)
- Low power ohm (input voltage 0.4V) at continuity range
- Power saving design

SPECIFICATIONS

	Measuring range	Best accuracy	Resolution	Input impedance
DCV	400m/4/40/400/500V	±(0.7%+3)	0.1mV	DCV : 10M~100MΩ
ACV	4/40/400/500V	±(2.3%+10)	0.001V	ACV : 10M~11MΩ
Resistance	400/4k/40k/400k/4M/40MΩ	±(2.0%+5)	0.1Ω	
Continuity	Buzzer sounds at less than 10~120Ω. Open voltage : 0.4V			
Diode test	Open voltage : approx. 1.5V			

Operation method	Δ-Σ method
Display	4000 count
Range selection	Auto and manual ranges
Over display	"OL" is displayed (except DC/AC 500V ranges)
Polarity	Automatic selection (only "-" is displayed when negative voltage is inputted.)
Battery low warning	"E" mark lights when the internal battery's power is below approx. 2.4V
Sampling rate	Approx. 3 times/sec
Operating temperature / humidity	5~40°C, 80%RH(Max), No condensation
Storage temperature / humidity	5~40°C, 80%RH(Max), 0~5°C, 40~50°C, 70%RH(Max), No condensation
Environmental condition	Altitude 2000m or below, pollution degree II
Power consumption	Approx. 5mW (at DCV)
Bandwidth	40~400Hz
Battery	Amorphous solar battery + Manganese dioxide lithium secondary battery
Size / Mass	H115 x W57 x D18mm / 85g
Standard accessories included	Instruction Manual

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