

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	$\pm(0.7\%+3)$	0.1mV	DCV : 10M \sim 100M Ω
ACV	4/40/400/500V	$\pm(2.3\%+10)$	0.001V	ACV : 10M \sim 11M Ω
Resistance	400/4k/40k/400k/4M/40M Ω	$\pm(2.0\%+5)$	0.1 Ω	
Continuity	Buzzer sounds at less than 10 \sim 120 Ω . 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	"B" mark lights when the internal battery's power is below approx. 2.4V
Sampling rate	Approx. 3 times/sec
Operating temperature / humidity	5 \sim 40 $^{\circ}$ C, 80%RH(Max), No condensation
Storage temperature / humidity	5 \sim 40 $^{\circ}$ C, 80%RH(Max), 0 \sim 5 $^{\circ}$ C, 40 \sim 50 $^{\circ}$ C, 70%RH(Max), No condensation
Environmental condition	Altitude 2000m or below, pollution degree II
Power consumption	Approx. 5mW (at DCV)
Bandwidth	40 \sim 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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