

sanwa®

TOKYO JAPAN

SPEED METER

SE9100

APPLICATIONS AND FEATURES

This instrument is a handy-type digital speedometer for use in contacted measurement of the speed of an elevator or lift and the emergency stop distance of an escalator. It can also measure the rotation speed of a motor by replacing the peripheral speed ring for speed measurement with a rotary contact for rotation speed measurement (optional).

• 3 types of measurement available

Linear velocity Rotation speed Distance

• 2 independent display

• Analog output terminal to record measuring data to your PC

• Externally triggered hold

• Max value hold

• Data hold

• Data memory

• Auto power off

SPECIFICATIONS

	Specifications	Accuracy
Measuring range	Linear velocity : 0.1~2000.0(m/min)	±2 dgt
	Rotation speed : 1~20000(r/min)	±2 dgt
	Distance : 0~999(mm)	±2 dgt
Measuring time	10ms	

Display	5 digit red 7-segment LED x 2 rows
Averaging	Desired setting between 1-10 times
Memory	Max. 10 sets can be saved in internal memory.
Display updating interval	200ms
Analog output	Voltage range : 0~2V(Full-scale value can be selected.) Output accuracy : ±(0.8%+2mV)
Accuracy assurance temperature / humidity	23±5°C Below 80%RH, No condensation
Operating temperature / humidity	5°C~40°C Max 80%RH, No condensation
Storage temperature / humidity	-10°C~40°C: Below 80%RH, No condensation 40°C~50°C: Below 70%RH, No condensation
Operating environment	Altitude 2000m or less, environmental pollution degree II
Battery alarm	LED lights when voltage drops below about 4.5V during operation. Operation stops at about 3.8V. Instrument cannot be started up at about 4.0V or less.
Current drain	Max. about 100mA
Battery	LR6(AA size alkaline battery) x 4
Battery life	20 hours or more
Size / Mass	H174 x W50 x D50mm / 510g
Standard accessories included	Speed ring thickness : 10mm(SE-10) x 1, 0.9mm(SE-0.9) x 1, Hold input cable(SE-L-H) x 2 sets, Analog output cable(SE-L-O) x 1 set, Speed ring replacement tool(Allen wrench) x 1, Carrying case(C-SE) x 1, Instruction manual x 1, LR6(AA size alkaline battery) x 4



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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