

BS series

Digital Voltmeter / Ammeter

- Max display 1999
- Measure average value
- Bright and clear LED display

Specification

Model		BS3	BS6	BS1
W x H (mm)		96 x 48 mm	72 x 36 mm	48 x 24 mm
Input	Input signal	Input voltage, current, instrument signal input (4 - 20 mA d.c. or 1 - 5 V d.c.)		
	A/D converter	Double integration method		
	Sampling cycle	300 ms		400 ms
	Response speed	Approx. 2 sec (max. range)		Approx. 3 sec (max. range)
	External control	Present value hold function by contact input		
	Max. display digits	3½ digit ±1999		
	Display	7 segment LED		
	Measurement and indication method	Effective value indicating method by full-wave rectification		
Performance	Accuracy	AC : ±0.5 % of FS ±1 Digit, DC : ±0.2 % of FS ±1 Digit		
	Insulation resistance	Min. 100 MΩ (500 V d.c.)		
	Dielectric strength	1500 V a.c. for 1 min (between external terminal and case)	2000 V a.c. for 1 min (between external terminal and case)	
Power voltage		110 V / 220 V a.c. 50/60 Hz common		100-240 V a.c. 50/60 Hz common
Voltage fluctuation rate		±10 % of power voltage		15 ~ 10 % of power voltage
Power consumption		Max. 2 VA		Max. 4 VA
Ambient temperature & humidity		0 ~ 50 °C, 35 ~ 85 % RH (without condensation)		-10 ~ 55 °C, 35 ~ 85 % RH (without condensation)
Storage temperature		-10 ~ 70 °C		-20 ~ 65 °C
Vibration resistance		10 - 55 Hz single amplitude X-Y-Z each direction 2 hours		
Shock resistance		300 m/s ² , X-Y-Z each directions 3 times		
Weight		350g	250g	150g

Suffix code

BS1

Model	Code				Content
BS1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Digital Panelmeter

Output	N				Display Only
Input type	A	10			AC Voltage input
		20			AC Current input
	D	10			DC Voltage input
		20			DC Current input
		11			DC Voltage input (1 - 5 V d.c.)
		21			DC Current input (4 - 20 mA d.c.)
Measurement range				1 - 11	Refer to Measuring Range

■ BS3

Model	Code						Content
BS	<input type="checkbox"/>	Digital Panelmeter					
외형	3						96 (W) X 48 (H) mm
Output	N						Only for indication
input type	A	10					AC voltmeter (AC)
		20					AC ammeter (AC)
	D	10					DC voltmeter (DC)
		20					DC ammeter (DC)
		11					DC voltmeter
		21					DC ammeter
Measurement range				1		Refer to Measuring Range.	
Power supply voltage				-		110 / 220 V a.c.	
				D		24 V d.c.	

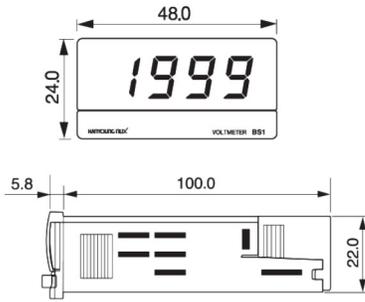
■ BS6

Model	Code						Content
BS6	<input type="checkbox"/>	Digital Panelmeter					
Output	N						Display Only
Input type	A	10					AC Voltage input
		20					AC Current input
	D	10					DC Voltage input
		20					DC Current input
		11					DC Voltage input (1 - 5 V d.c.)
		21					DC Current input (4 - 20 mA d.c.)
Measurement range				1 - 11		Refer to Measuring Range.	
Power supply voltage				No-mark		110/220 V a.c. 50/60 Hz	
				D		24 V d.c.	

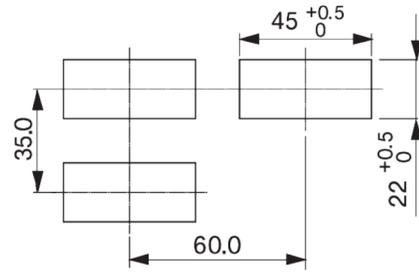
■ Dimension & Panel cutout

[Unit : mm]

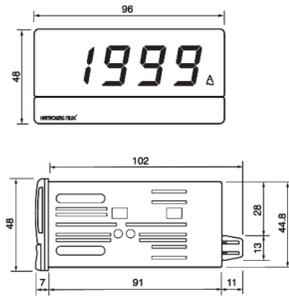
■ BS1 Dimension



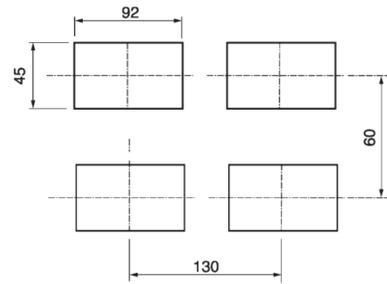
■ BS1 Panel cutout



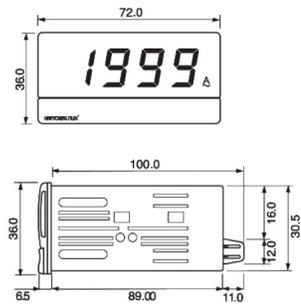
■ BS3 Dimension



■ BS3 Panel cutout



■ BS6 Dimension



■ BS6 Panel cutout

