

ORDERING INFORMATION

MODEL : 43DV2

PLEASE FILL IN THIS SECTION



Model
Company
Name
P/O No.

FACTORY USE ONLY



Job No.	Approved by (Sales office)
Ser No.	Issued by (Sales office)
Sales	Approved by (Factory)
	Set by (Factory)
Ser No.	

Specify the items you want to change. Default setting will be used if not specified.

DEFAULT shows values in case of nothing specified.

■ SCALING SETTING MODE (Not necessary for DC Voltmeter (V1, V2 or V3 input))

PARAMETER	DISPLAY	FUNCTION	MEASURING RANGE	DEFAULT	SET VALUE	Factory Internal check
Display Scaling Value A	-1999 – 9999	Display value for 0% input *1	S4: 0 – 10V DC	0.00		<input type="checkbox"/> Checked
			S5: 0 – 5V DC	0.00		
			S6: 1 – 5V DC	1.00		
			S0: Specified voltage	*2		
			SA: 4 – 20mA DC	4.00		
			SB: 0 – 20mA DC	0.00		
			SC: 0 – 10mA DC	0.00		
			SG: 0 – 1mA DC	0.000		
			SJ: 0 – 5mA DC	0.000		
SZ: Specified current	*2					
Display Scaling Value B	-1999 – 9999	Display value for 100% input *1	S4: 0 – 10V DC	10.00		<input type="checkbox"/> Checked
			S5: 0 – 5V DC	5.00		
			S6: 1 – 5V DC	5.00		
			S0: Specified voltage	*2		
			SA: 4 – 20mA DC	20.00		
			SB: 0 – 20mA DC	20.00		
			SC: 0 – 10mA DC	10.00		
			SG: 0 – 1mA DC	1.000		
			SJ: 0 – 5mA DC	5.000		
SZ: Specified current	*2					

*1. 0% input and 100% input mean the default values according to the measuring range code.
(e.g. In case of 4

*2. Specified value

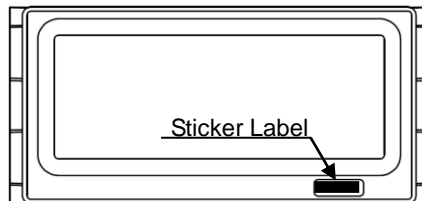
■ DISPLAY SETTING

ITEM	AVAILABLE RANGE	FUNCTION	DEFAULT VALUE	SET VALUE	Factory Internal check
Moving Average	AoFF	No moving averaging	AoFF	<input type="checkbox"/> AoFF	<input type="checkbox"/> Checked
	A2	Moving average with 2 samples		<input type="checkbox"/> A2	
	A4	Moving average with 4 samples		<input type="checkbox"/> A4	
	A8	Moving average with 8 samples		<input type="checkbox"/> A8	
	A16	Moving average with 16 samples		<input type="checkbox"/> A16	
Brightness	C1	Brightness level 1 (dark)	C5	<input type="checkbox"/> C1	<input type="checkbox"/> Checked
	C2	Brightness level 2		<input type="checkbox"/> C2	
	C3	Brightness level 3		<input type="checkbox"/> C3	
	C4	Brightness level 4		<input type="checkbox"/> C4	
	C5	Brightness level 5 (bright)		<input type="checkbox"/> C5	

■ ENGINEERING UNIT STICKER LABEL

ITEM	AVAILABLE RANGE	SET VALUE	DEFAULT VALUE	Factory Internal check
Engineering unit	DC, AC, mV, V, kV, μ A, mA, A, kA, mW, W, kW, var, kvar, Mvar, VA, Hz, Ω , k Ω , M Ω , cm, mm, m, m/sec, mm/min, cm/min, m/min, m/h, m/s ² , inch, l, l/s, l/min, l/h, m ³ , m ³ /sec, m ³ /min, m ³ /h, Nm ³ /h, N·m, N/m ² , g, kg, kg/h, N, kN, Pa, kPa, MPa, t, t/h, °C, °F, %RH, J, kJ, MJ, rpm, sec, min, pH, %, ppm	Select one if necessary.	none	<input type="checkbox"/> Checked

*Location of the sticker label



■ ABOUT SCALING

·Scaling values

1) Calculate “Display Scaling Value A” and “Display Scaling Value B” with following formula.

$$SA = (Rz \times Dspan + Dz \times Is - Ds \times Iz) / Ispan$$

$$SB = (Rs \times Dspan + Dz \times Is - Ds \times Iz) / Ispan$$

Iz: 0% value of input

Is: 100% value of input

Dz: Display value for 0% input

Ds: Display value for 100% input

Rz: 0% value of conformance range

Rs: 100% value of conformance range

2) Confirm that the calculated values are between -1999 and 9999.

When $Rz = Dz$ and $Rs = Ds$, scaling is not necessary.

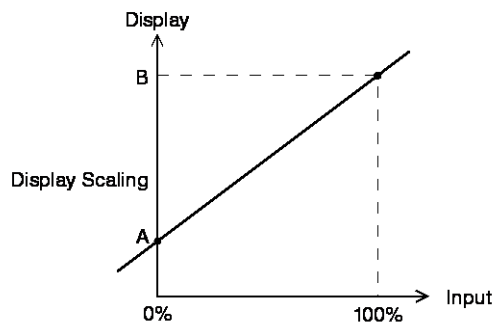
3) If the value(s) is(are) out of the range, decrease the digits to display and calculate again.

Repeat until the values are within the range and write down the values on this sheet.

·Normal Scaling and Inverted Scaling

• Normal Scaling

The display value increases when the input signal increases.



• Inverted Scaling

The display value decreases when the input signal increases.

