

ORDERING INFORMATION

MODEL : 43AL1-B

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

PARAMETER	DISPLAY	FUNCTION	DEFAULT	SET VALUE	Factory Internal check
Display Scaling Value A	-1999 – 9999	Display value for 4 mA input	4.00		<input type="checkbox"/> Checked
Display Scaling Value B	-1999 – 9999	Display value for 20 mA input	20.00		<input type="checkbox"/> Checked

Ordering Information Example (Input: 4 – 20 mA; Display Value: 0.0 – 100.0%)

PARAMETER	DISPLAY	FUNCTION	DEFAULT	SET VALUE
Display Scaling Value A	-1999 – 9999	Display value for 4 mA input	4.00	0.0
Display Scaling Value B	-1999 – 9999	Display value for 20 mA input	20.00	100.0

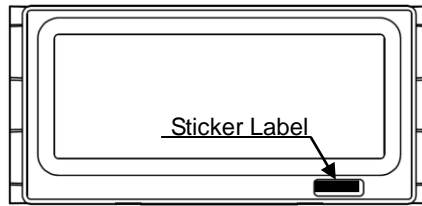
■ DISPLAY SETTING

ITEM	AVAILABLE VALUE	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	

■ ENGINEERING UNIT STICKER LABEL

ITEM	AVAILABLE RANGE	SET VALUE	DEFAULT VALUE	Factory Internal check
Engineering unit	DC, AC, mV, V, kV, μA, mA, A, kA, mW, W, kW, var, kvar, Mvar, VA, Hz, Ω, kΩ, MΩ, 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, calculation is not necessary.

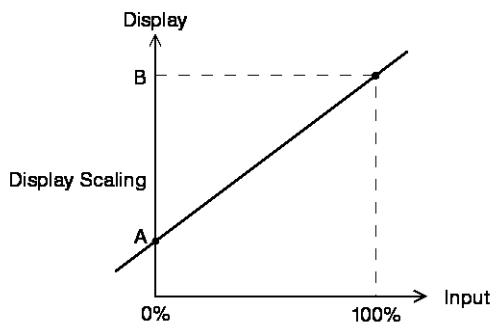
3) If the value(s) is(are) out of the range, decrease the digits to display and calculate again.

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.

