

ORDERING INFORMATION

MODEL : 40DN

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

ITEM	AVAILABLE VALUE	FUNCTION	DEFAULT VALUE	SET VALUE	Factory Internal check
Display Scaling Value A	-9999 to 9999	Display value for 4mA input *1	4.00		<input type="checkbox"/> Checked
Display Scaling Value B	-9999 to 9999	Display value for 20mA input *1	20.00		<input type="checkbox"/> Checked

*1. 4mA input and 20mA input mean the default values.

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

ITEM	AVAILABLE	FUNCTION	DEFAULT	SET VALUE
Display Scaling Value A	-9999 to 9999	Display value for 4mA input	4.00	0.0
Display Scaling Value B	-9999 to 9999	Display value for 20mA 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	
Brightness	C1	Brightness level 1 (dark)	C3	<input type="checkbox"/> C1	<input type="checkbox"/> Checked
	C2	Brightness level 2		<input type="checkbox"/> C2	
	C3	Brightness level 3 (bright)		<input type="checkbox"/> C3	

■ **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

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

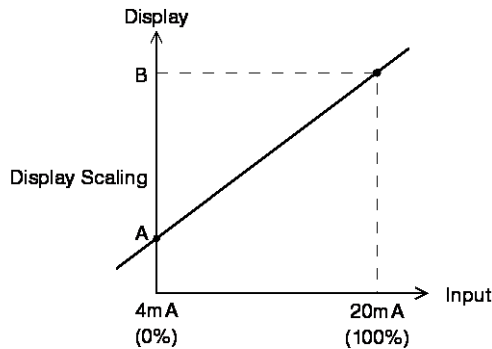
Rz: 0% value of conformance range

Rs: 100% value of conformance range

•Normal Scaling and Inverted Scaling

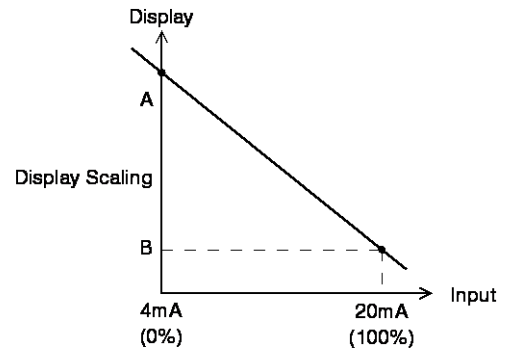
• **Normal Scaling**

The display value increases when the input signal increases.



• **Inverted Scaling**

The display value decreases when the input signal increases.



The decimal point position can be set to any digit. Set it according to the 100% value.