

ORDERING INFORMATION

MODEL : M2EAXDY

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.

■ INPUT SETTING

ITEM	SET VALUE	DEFAULT VALUE	COMMENTS	Factory Internal check
0 % input setting		4.00 mA	Specify within the range between 0.00 and 19.00 mA.	<input type="checkbox"/>
100 % input setting		20.00 mA	Specify within the range between 1.00 and 20.00 mA.	<input type="checkbox"/>
Filter time constant*1		0 sec.	Specify within the range between 0 and 30 sec.	<input type="checkbox"/>
Low cut	<input type="checkbox"/> Enable <input type="checkbox"/> Disable	Disable	Specify Enable or Disable.	<input type="checkbox"/>
Low cut point		0.00	Specify within the range between 0.00 and 100.00.	<input type="checkbox"/>

*1. Filter time constant

Set filter time constant of the first order lowpass filter. The first order lowpass filter is available with setting time. When '0' is set to this parameter, the filtering process is not performed (Response time: ≤ 0.5 sec. (0 – 100 % at 90 % setpoint)). The setting time constant is the time to follow until about 63 %, when input varies from 0 % to 100 %.

■ DISPLAY SETTING

ITEM	SET VALUE	DEFAULT VALUE	COMMENTS	Factory Internal check
0 % input scaling		0.00	Specify within the range between -99999 and 999999. Decimal point position can be set arbitrarily.	<input type="checkbox"/>
100 % input scaling		100.00	Specify within the range between -99999 and 999999. Decimal point position is same as 0 % input scaling.	<input type="checkbox"/>
Unit (INP Scaling)		%	Choose from the table 1, or specify from the table 2 'Settable characters' within 13 characters.	<input type="checkbox"/>
Display setting	Upper: Lower:	Upper: INPUT (Scaling) Lower: ALARM	Choose from the setting value in the table 3.	<input type="checkbox"/>
Brightness		4	Specify among 1 (darkest) to 4 (brightest).	<input type="checkbox"/>
Display timeout		10 min.	Specify within the range from 0, 1 to 60 min. Set '0' to display 'always on'.	<input type="checkbox"/>

■ ALARM SETTING

ITEM		SET VALUE	DEFAULT VALUE	COMMENTS	Factory Internal check
L1 alarm	Alarm enable	<input type="checkbox"/> Enable <input type="checkbox"/> Disable	Enable	Specify Enable or Disable.	<input type="checkbox"/>
	Alarm setpoint		20.00	Specify within the range between 0% input scaling and 100% input scaling. Decimal point is same as [0 % input scaling].	<input type="checkbox"/>
	Trip action	<input type="checkbox"/> High <input type="checkbox"/> Low	Low	Specify High or Low.	<input type="checkbox"/>
	Deadband		0.01	Specify within the range 0 to 999999. Decimal point is same as [0 % input scaling].	<input type="checkbox"/>
	Coil at alarm	<input type="checkbox"/> Energized <input type="checkbox"/> De-energized	Energized	Specify Energized or De-energized.	<input type="checkbox"/>
L2 alarm	Alarm enable	<input type="checkbox"/> Enable <input type="checkbox"/> Disable	Enable	Specify Enable or Disable.	<input type="checkbox"/>
	Alarm setpoint		80.00 (Dual alarm) 30.00 (Quad alarm)	Specify within the range between 0% input scaling and 100% input scaling. Decimal point is same as [0 % input scaling].	<input type="checkbox"/>
	Trip action	<input type="checkbox"/> High <input type="checkbox"/> Low	High (Dual alarm) Low (Quad alarm)	Specify High or Low.	<input type="checkbox"/>
	Deadband		0.01	Specify within the range 0 to 999999. Decimal point is same as [0 % input scaling].	<input type="checkbox"/>
	Coil at alarm	<input type="checkbox"/> Energized <input type="checkbox"/> De-energized	Energized	Specify Energized or De-energized.	<input type="checkbox"/>
L3 alarm (Available only for quad alarm)	Alarm enable	<input type="checkbox"/> Enable <input type="checkbox"/> Disable	Enable	Specify Enable or Disable.	<input type="checkbox"/>
	Alarm setpoint		70.00	Specify within the range between 0% input scaling and 100% input scaling. Decimal point is same as [0 % input scaling].	<input type="checkbox"/>
	Trip action	<input type="checkbox"/> High <input type="checkbox"/> Low	High	Specify High or Low.	<input type="checkbox"/>
	Deadband		0.01	Specify within the range 0 to 999999. Decimal point is same as [0 % input scaling].	<input type="checkbox"/>
	Coil at alarm	<input type="checkbox"/> Energized <input type="checkbox"/> De-energized	Energized	Specify Energized or De-energized.	<input type="checkbox"/>
L4 alarm (Available only for quad alarm)	Alarm enable	<input type="checkbox"/> Enable <input type="checkbox"/> Disable	Enable	Specify Enable or Disable.	<input type="checkbox"/>
	Alarm setpoint		80.00	Specify within the range between 0% input scaling and 100% input scaling. Decimal point is same as [0 % input scaling].	<input type="checkbox"/>
	Trip action	<input type="checkbox"/> High <input type="checkbox"/> Low	High	Specify High or Low.	<input type="checkbox"/>
	Deadband		0.01	Specify within the range 0 to 999999. Decimal point is same as [0 % input scaling].	<input type="checkbox"/>
	Coil at alarm	<input type="checkbox"/> Energized <input type="checkbox"/> De-energized	Energized	Specify Energized or De-energized.	<input type="checkbox"/>
Alarm ON-delay time			0 sec.	Specify the range 0 to 999 sec.	<input type="checkbox"/>
Power ON-delay time			5 sec.	Specify the range 0 to 999 sec.	<input type="checkbox"/>
Latching alarm		<input type="checkbox"/> Enable <input type="checkbox"/> Disable	Disable	Specify Enable or Disable.	<input type="checkbox"/>

■ LINEARIZATION

ITEM	SET VALUE	DEFAULT VALUE	COMMENTS	Factory Internal check
Linearization	<input type="checkbox"/> Linear <input type="checkbox"/> Square root extraction <input type="checkbox"/> Segment linearization	Linear	Choose among 3 types. When choosing segment linearization, specify values in the table on the page 5 to 7.	<input type="checkbox"/>

Table 1

AVAILABLE UNITS

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/s², inch, L,
 L/s, L/min, L/h, m³, m³/sec, m³/min,
 m³/h, Nm³/h, N·m, N/m², g, kg, kg/h, N, kN, Pa, kPa, Mpa, t, t/h,
 °C, °F, K, %RH, J, kJ, MJ, rpm, sec, min, min⁻¹, pH, %, ppm, deg, (blank)

Table 2

SETTABLE CHARACTERS

0 - 9 A - Z a - z ! " # \$ % & ' () = - + * ^ |
 @ ` [] { } ; : < > ? _ . , / (blank)

Table 3

Upper

SETTING VALUE	DESCRIPTION
INPUT	Input engineering unit value
INPUT (Scaling)	Input scaling
PERCENT	Percent value*2

Lower

SETTING VALUE	DESCRIPTION
ALARM	Alarm
INPUT	Input engineering unit value
INPUT (Scaling)	Input scaling
PERCENT	Percent value*2
None	No display

*2. Input percent value

■ LINEARIZATION

Specify the input & output values and the units.

X[n] = Input Value of n-th (mA, %)

Y[n] = Output Value of n-th (%)

-7.5% ≤ X[n] ≤ +107.5%, -7.5% ≤ Y[n] ≤ +107.5%, X[n] < X[n+1]

When scaling value is put, place the check mark on the check box.

The value is converted to %, and the value rounded off is entered to the unit.

Factory Internal check
<input type="checkbox"/>

n	X (UNIT:)	Y (UNIT:) <input type="checkbox"/> Scaling value	n	X (UNIT:)	Y (UNIT:)
001			026		
002			027		
003			028		
004			029		
005			030		
006			031		
007			032		
008			033		
009			034		
010			035		
011			036		
012			037		
013			038		
014			039		
015			040		
016			041		
017			042		
018			043		
019			044		
020			045		
021			046		
022			047		
023			048		
024			049		
025			050		

n	X (UNIT:)	Y (UNIT:)	n	X (UNIT:)	Y (UNIT:)
051			077		
052			078		
053			079		
054			080		
055			081		
056			082		
057			083		
058			084		
059			085		
060			086		
061			087		
062			088		
063			089		
064			090		
065			091		
066			092		
067			093		
068			094		
069			095		
070			096		
071			097		
072			098		
073			099		
074			100		
075			101		
076			102		

n	X (UNIT:)	Y (UNIT:)	n	X (UNIT:)	Y (UNIT:)
103			116		
104			117		
105			118		
106			119		
107			120		
108			121		
109			122		
110			123		
111			124		
112			125		
113			126		
114			127		
115			128		