

ORDERING INFORMATION

MODEL : M2EAXV

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.

■ INPUT SETTING

ITEM	SET VALUE	DEFAULT VALUE	COMMENTS	Factory Internal check
Input range	<input type="checkbox"/> 0 to 50 mA DC <input type="checkbox"/> -1000 to +1000 mV DC <input type="checkbox"/> -10 to +10 V DC	0 to 50 mA DC	Choose among 3 types	<input type="checkbox"/>
0 % input setting		4.00 mA -1000.0 mV -10.000 V	Specify within settable range in the table 1.	<input type="checkbox"/>
100 % input setting		20.00 mA 1000.0 mV 10.000 V		
Filter time constant*1		0 sec.	Specify the range between 0 and 30 sec.	<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 2, or specify from the table 3 '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 4.	<input type="checkbox"/>
Brightness		4	Specify among 1 (darkest) to 4 (brightest).	<input type="checkbox"/>
Display timeout		10 min.	Specify 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 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 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 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 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 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 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 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 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 Disable or Enable	<input type="checkbox"/>

Table 1

INPUT RANGE		MIN. SPAN	SETTABLE RANGE
Current input	0 to 50 mA DC	1.000 mA	0.000 to 20.000 mA
Voltage input	-1000 to +1000 mV DC	0.250 V	-5.000 to +5.000 V
	-10 to +10 V DC	1.000 V	-10.000 to +10.000 V

Table 2**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 3**SETTABLE CHARACTERS**

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

Table 4**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.