

ORDERING INFORMATION

MODEL : M1EAXV-2

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.

■ CH1 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 the 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 within the range between 0 and 30 sec.	<input type="checkbox"/>

■ CH2 INPUT SETTING

ITEM	SET VALUE	DEFAULT VALUE	COMMENTS	Factory Internal check
Output 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 % output setting		4.00 mA -1000.0 mV -10.000 V	Specify within the settable range in the table 1.	<input type="checkbox"/>
100 % output setting		20.00 mA 1000.0 mV 10.000 V		
Filter time constant*1		0 sec.	Specify within 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 this parameter is set to '0', the first order lowpass filter is not available (Response time: ≤ 0.5 sec. (0 – 100 % at 90 % setpoint)). The setting time constant is the time taken to follow up to about 63 %, when input varies from 0 % to 100 %.

■ CH1 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 within the range 0 to 999 sec.	<input type="checkbox"/>
Power ON-delay time			5 sec.	Specify within 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"/>

■ CH2 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 within the range 0 to 999 sec.	<input type="checkbox"/>
Power ON-delay time			5 sec.	Specify within 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"/>

■ CH1 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 is freely selectable.	<input type="checkbox"/>
100 % input scaling		100.00	Specify within the range between -99999 and 999999. Decimal point is same as [0 % input scaling].	
Unit (INP Scaling)		%	Choose from the table 2, or specify from the table 3 'Settable characters' within 13 characters.	<input type="checkbox"/>

■ CH2 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 is freely selectable.	<input type="checkbox"/>
100 % input scaling		100.00	Specify within the range between -99999 and 999999. Decimal point is same as [0 % input scaling].	
Unit (INP Scaling)		%	Choose from the table 2, or specify from the table 3 'Settable characters' within 13 characters.	<input type="checkbox"/>

■ OTHER SETTING

ITEM	SET VALUE	DEFAULT VALUE	COMMENTS	Factory Internal check
Display setting	Upper: Lower:	Upper: CH1 ALARM (scaling) Lower: CH2 ALARM (Scaling)	Choose from the setting value in the table 4.	<input type="checkbox"/>
Chanel enable	CH1 <input type="checkbox"/> Enable <input type="checkbox"/> Disable	CH1: Enable	Specify Enable or Disable. It is not available to disable CH1 and CH2 simultaneously.	<input type="checkbox"/>
	CH2 <input type="checkbox"/> Enable <input type="checkbox"/> Disable	CH2: Enable		
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. Setting to '0' keeps the display always on.	<input type="checkbox"/>

Table 1

INPUT RANGE		MIN. SPAN	SETTABLE RANGE
Current input	0 to 50 mA DC	2.00 mA	0.00 to 50.00 mA
Voltage input	-1000 to +1000 mV DC	100.0 mV	-1000.0 to +1000.0 mV
	-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
Ch1 INPUT	Ch1 input engineering unit value
Ch1 INPUT (Scaling)	Ch1 input scaling
Ch1 PERCENT	Ch1 percent value*2
Ch1 ALARM	Ch1 alarm
Ch1 ALARM (Input)	Ch1 alarm and input engineering unit value
Ch1 ALARM (Scaling)	Ch1 alarm and input scaling value
Ch1 ALARM (Present)	Ch1 alarm and percent value*2
Ch2 INPUT	Ch2 input engineering unit value
Ch2 INPUT (Scaling)	Ch2 input scaling
Ch2 PERCENT	Ch2 percent value*2
Ch2 ALARM	Ch2 alarm
Ch2 ALARM (Input)	Ch2 alarm and input engineering unit value
Ch2 ALARM (Scaling)	Ch2 alarm and input scaling
Ch2 ALARM (Present)	Ch2 alarm and percent value*2

Lower

SETTING VALUE	DESCRIPTION
Ch1 INPUT	Ch1 input engineering unit value
Ch1 INPUT (Scaling)	Ch1 input scaling
Ch1 PERCENT	Ch1 percent value*2
Ch1 ALARM	Ch1 alarm
Ch1 ALARM (Input)	Ch1 alarm and input engineering unit value
Ch1 ALARM (Scaling)	Ch1 alarm and input scaling
Ch1 ALARM (Present)	Ch1 alarm and percent value*2
Ch2 INPUT	Ch2 input engineering unit value
Ch2 INPUT (Scaling)	Ch2 input scaling
Ch2 PERCENT	Ch2 percent value*2
Ch2 ALARM	Ch2 alarm
Ch2 ALARM (Input)	Ch2 alarm and input engineering unit value
Ch2 ALARM (Scaling)	Ch2 alarm and input scaling
Ch2 ALARM (Present)	Ch2 alarm and percent value*2
None	No display

*2. Value converted into 0.00 to 100.00% based on the input setting value