

# ORDERING INFORMATION

# MODEL : M2EAXT

## 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
Input range	<input type="checkbox"/> (PR) <input type="checkbox"/> K (CA) <input type="checkbox"/> E (CRC) <input type="checkbox"/> J (IC) <input type="checkbox"/> T (CC) <input type="checkbox"/> B (RH) <input type="checkbox"/> R <input type="checkbox"/> S <input type="checkbox"/> C (WRe 5-26) <input type="checkbox"/> N <input type="checkbox"/> U <input type="checkbox"/> L <input type="checkbox"/> P (Platinel II)	K (CA)	Choose among 13 types	<input type="checkbox"/>
Temperature unit	<input type="checkbox"/> Celsius <input type="checkbox"/> Fahrenheit <input type="checkbox"/> Absolute	Celsius	Choose among 3 types	<input type="checkbox"/>
0 % input setting		0.0	Specify within settable range in the table 1.	<input type="checkbox"/>
100 % input setting		1000.0		
Input decimal point	<input type="checkbox"/> No decimal point <input type="checkbox"/> 1 place of decimals <input type="checkbox"/> 2 places of decimals	1 place of decimals	Choose among 3 types Set the decimal point position for 0 % input setting and 100 % input setting.	<input type="checkbox"/>
Burnout	<input type="checkbox"/> None <input type="checkbox"/> Down <input type="checkbox"/> Up	UP	Choose among 3 types	<input type="checkbox"/>
CJM / Fixed temp.	<input type="checkbox"/> CJM <input type="checkbox"/> Fixed terminal temperature (        )	CJM	Choose among 2 types When Fixed temp. is used, specify desired value (-50.00 to +100.00°C)	<input type="checkbox"/>
Filter time constant*1		0 sec.	Specify the range between 0 and 30 sec.	<input type="checkbox"/>

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 %.

■ 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		200.0	Specify the range between 0% input setting and 100% input scaling. Decimal point is same as [0 % input setting].	<input type="checkbox"/>
	Trip action	<input type="checkbox"/> High <input type="checkbox"/> Low	Low	Specify High or Low.	<input type="checkbox"/>
	Deadband		1.0	Specify the range 0 to 999999. Decimal point is same as [0 % input setting].	<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		800.0 (Dual alarm) 300.0 (Quad alarm)	Specify the range between 0% input setting and 100% input setting. Decimal point is same as [0 % input setting].	<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		1.0	Specify the range 0 to 999999. Decimal point is same as [0 % input setting].	<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		700.0	Specify the range between 0% input setting and 100% input setting. Decimal point is same as [0 % input setting].	<input type="checkbox"/>
	Trip action	<input type="checkbox"/> High <input type="checkbox"/> Low	High	Specify High or Low.	<input type="checkbox"/>
	Deadband		1.0	Specify the range 0 to 999999. Decimal point is same as [0 % input setting].	<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		800.0	Specify the range between 0% input setting and 100% input setting. Decimal point is same as [0 % input setting].	<input type="checkbox"/>
	Trip action	<input type="checkbox"/> High <input type="checkbox"/> Low	High	Specify High or Low.	<input type="checkbox"/>
	Deadband		1.0	Specify the range 0 to 999999. Decimal point is same as [0 % input setting].	<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"/>

## ■ DISPLAY SETTING

ITEM	SET VALUE	DEFAULT VALUE	COMMENTS	Factory Internal check
Display setting	Upper: Lower:	Upper: INPUT Lower: ALARM	Choose from the setting value in the table 2.	<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 min.' to display 'always on'.	<input type="checkbox"/>

Table 1

INPUT RANGE	MIN. SPAN		SETTABLE RANGE		
	°C, K	°F	°C	°F	K
(PR)	20.00	36.00	0.00 to 1760.00	32.00 to 3200.00	273.15 to 2033.15
K (CA)			-270.00 to +1370.00	-454.00 to +2498.00	3.15 to 1643.15
E (CRC)			-270.00 to +1000.00	-454.00 to +1832.00	3.15 to 1273.15
J (IC)			-210.00 to +1200.00	-346.00 to +2192.00	63.15 to 1473.15
T (CC)			-270.00 to +400.00	-454.00 to +752.00	3.15 to 673.15
B (RH)			0.00 to 1820.00	-32.00 to +3308.00	273.15 to 2093.15
R			-50.00 to +1760.00	-58.00 to +3200.00	223.15 to 2033.15
S			-50.00 to +1760.00	-58.00 to +3200.00	223.15 to 2033.15
C (WRe 5-26)			0.00 to 2315.00	32.00 to 4199.00	273.15 to 2588.15
N			-270.00 to +1300.00	-454.00 to +2372.00	3.15 to 1573.15
U			-200.00 to +600.00	-328.00 to +1112.00	73.15 to 873.15
L			-200.00 to +900.00	-328.00 to +1652.00	73.15 to 1173.15
P (Platinel II)			0.00 to 1395.00	32.00 to 2543.00	273.15 to 1668.15

Note. For set value, specify so that value is within the settable range depending on type of the T/C.

Table 2

### Upper

SETTING VALUE	DESCRIPTION
INPUT	Input engineering unit value
VOLTAGE	Input electromotive force value
PERCENT	Percent value*2

### Lower

SETTING VALUE	DESCRIPTION
ALARM	Alarm
INPUT	Input engineering unit value
VOLTAGE	Input electromotive force value
PERCENT	Percent value*2
None	No display

\*2. Converted % value as 0.00 to 100.00 % based on input setting value.