

# ORDERING INFORMATION

# MODEL : R7E-RS4

## PLEASE FILL IN THIS SECTION



Model
Company
Name
P/O No.

## M-SYSTEM 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.

### ■ RTD TYPE SETTING (APPLIES TO ALL 4 CHANNELS)

ITEM	SET VALUE	DEFAULT VALUE	Factory Internal check
RTD	<input type="checkbox"/> Pt 100 (JIS'97, IEC)	Pt 100 (JIS'97, IEC)	<input type="checkbox"/>
	<input type="checkbox"/> Pt 100 (JIS'89)		
	<input type="checkbox"/> JPt 100 (JIS'89)		
	<input type="checkbox"/> Pt 50Ω (JIS'81)		
	<input type="checkbox"/> Ni 100		
	<input type="checkbox"/> Cu 10 (25°C)		
	<input type="checkbox"/> Cu 50		
	<input type="checkbox"/> PC Configurator setting		

When you want to set each channel independently, select "PC Configuration setting", then specify each channel in "THERMOCOUPLE TYPE SETTING (INDEPENDENT RANGE PER CHANNEL)".

### ■ RTD TYPE SETTING (INDEPENDENT RANGE PER CHANNEL)

CHANNEL	RTD	SET VALUE	DEFAULT VALUE	Factory Internal check
INPUT 0	Pt 100 (JIS'97, IEC) Pt 100 (JIS'89)		Pt 100 (JIS'97, IEC)	<input type="checkbox"/>
INPUT 1	JPt 100 (JIS'89) Pt 50Ω (JIS'81)		Pt 100 (JIS'97, IEC)	<input type="checkbox"/>
INPUT 2	Ni 100 Cu 10 (25°C)		Pt 100 (JIS'97, IEC)	<input type="checkbox"/>
INPUT 3	Cu 50 Unused		Pt 100 (JIS'97, IEC)	<input type="checkbox"/>

Unused channels are set default.

### ■ TEMPARATURE UNIT SETTING

CHANNEL	SET VALUE	DEFAULT VALUE	Factory Internal check
INPUT 0	<input type="checkbox"/> °C <input type="checkbox"/> °F <input type="checkbox"/> K	°C	<input type="checkbox"/>
INPUT 1	<input type="checkbox"/> °C <input type="checkbox"/> °F <input type="checkbox"/> K	°C	<input type="checkbox"/>
INPUT 2	<input type="checkbox"/> °C <input type="checkbox"/> °F <input type="checkbox"/> K	°C	<input type="checkbox"/>
INPUT 3	<input type="checkbox"/> °C <input type="checkbox"/> °F <input type="checkbox"/> K	°C	<input type="checkbox"/>

### ■ BURNOUT SETTING

ITEM	SET VALUE	DEFAULT VALUE	Factory Internal check
BURNOUT	<input type="checkbox"/> Upscale	Upscale	<input type="checkbox"/>
	<input type="checkbox"/> Downscale		

### ■ ETHERNET PARAMETERS

ITEM	AVAILABLE VALUE	SET VALUE	DEFAULT VALUE	Factory Internal check
IP Address	0 to 255 (integer)		192.168.0.1	<input type="checkbox"/>
Subnet Mask			255.255.255.0	
Linger	0 to 32767 (integer) TCP Socket closed after no communication (Set 1800 for 180.0 sec.) for the preset time.		1800	
			1800	
			1800	
			1800	

### ■ EXTENSION

ITEM	SET VALUE	DEFAULT VALUE	Factory Internal check
EXTENSION	<input type="checkbox"/> No extension	No extension	<input type="checkbox"/>
	<input type="checkbox"/> Discrete input, 8 points / 16 points		
	<input type="checkbox"/> Discrete output, 8 points / 16 points		

### ■ OUTPUT AT THE LOSE OF COMMUNICATION \*

ITEM	SET VALUE	DEFAULT VALUE	Factory Internal check
OUTPUT AT THE LOSE OF COMMUNICATION	<input type="checkbox"/> Hold the output (maintains the last data received normally)	Hold the output	<input type="checkbox"/>
	<input type="checkbox"/> Reset the output (turned off)		

\* Only for Discrete output extension module.

## ■ CONVERSION RATE

ITEM	SET VALUE	DEFAULT VALUE	Factory Internal check
CONVERSION RATE	<input type="checkbox"/> 250 msec	250 msec.	<input type="checkbox"/>
	<input type="checkbox"/> 1 sec		

Note: The default data conversion is 10 times of the value in engineering unit (for °C and K).

When you want to convert to different value, specify the following.

- Choose "Scaled value" in CONVERTED DATA RANGE section.
- Specify temperature range in RTD RANGE SETTING section.
- Specify zero and full scale in SCALING section.

## ■ CONVERTED DATA RANGE

CHANNEL	SET VALUE	DEFAULT VALUE	Factory Internal check
INPUT 0	<input type="checkbox"/> Value in engineering unit	Value in engineering unit	<input type="checkbox"/>
	<input type="checkbox"/> Scaled value		
INPUT 1	<input type="checkbox"/> Value in engineering unit	Value in engineering unit	<input type="checkbox"/>
	<input type="checkbox"/> Scaled value		
INPUT 2	<input type="checkbox"/> Value in engineering unit	Value in engineering unit	<input type="checkbox"/>
	<input type="checkbox"/> Scaled value		
INPUT 3	<input type="checkbox"/> Value in engineering unit	Value in engineering unit	<input type="checkbox"/>
	<input type="checkbox"/> Scaled value		

## ■ RTD RANGE SETTING

CHANNEL	RTD	SET VALUE	Factory Internal check
INPUT 0	See Table1	to	<input type="checkbox"/>
INPUT 1		to	<input type="checkbox"/>
INPUT 2		to	<input type="checkbox"/>
INPUT 3		to	<input type="checkbox"/>

[Table 1]

RTD	AVAILABLE RANGE		
	°C	°F	K
Pt 100 (JIS'97, IEC)	-200 to +850	-328 to +1562	74 to 1123
Pt 100 (JIS'89)	-200 to +660	-328 to +1220	74 to 933
JPt 100 (JIS'89)	-200 to +510	-328 to +950	74 to 783
Pt 50Ω (JIS'81)	-200 to +649	-328 to +1200	74 to 922
Ni 100	-80 to +250	-112 to +482	194 to 523
Cu 10 (25°C)	-50 to +250	-58 to +482	224 to 523
Cu 50	-50 to +150	-58 to +302	224 to 423

**■ SCALING**

Set zero and full scale to each channel (zero scale to full scale)

CHANNEL	AVAILABLE VALUE	SET VALUE	DEFAULT VALUE	Factory Internal check
INPUT 0	-32000 to +32000	to	0 to 10000	<input type="checkbox"/>
INPUT 1	-32000 to +32000	to	0 to 10000	<input type="checkbox"/>
INPUT 2	-32000 to +32000	to	0 to 10000	<input type="checkbox"/>
INPUT 3	-32000 to +32000	to	0 to 10000	<input type="checkbox"/>