

ORDERING INFORMATION

MODEL : R7C-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)

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.

BURNOUT SETTING

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

■ TRANSFER RATE

ITEM	SET VALUE	DEFAULT VALUE	Factory Internal check
TRANSFER RATE	<input type="checkbox"/> 156 kbps	156 kbps	<input type="checkbox"/>
	<input type="checkbox"/> 625 kbps		
	<input type="checkbox"/> 2.5 Mbps		
	<input type="checkbox"/> 5 Mbps		
	<input type="checkbox"/> 10 Mbps		

■ 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"/> 500 msec.		

■ STATION ADDRESS

AVAILABLE VALUE	SET VALUE	DEFAULT VALUE	Factory Internal check
1 to 64		0	<input type="checkbox"/>

■ 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		

- 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 THERMOCOUPLE 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"/>