

# ORDERING INFORMATION

# MODEL : R7FN-RS4

## 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.

### ■ 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"/> 12Mbps	12Mbps	<input type="checkbox"/>
	<input type="checkbox"/> 6Mbps		

■ CONVERSION RATE

ITEM	SET VALUE	DEFAULT VALUE	Factory Internal check
CONVERSION RATE	<input type="checkbox"/> 250msec.	250msec.	<input type="checkbox"/>
	<input type="checkbox"/> 500msec.		

■ STATION ADDRESS

AVAILABLE VALUE	SET VALUE	DEFAULT VALUE	Factory Internal check
01H to 3CH (hexadecimal)		01H	<input type="checkbox"/>

- 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"/>