

# ORDERING INFORMATION

# Model: R7D-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 Rep.	Approved by (Factory)
	Issued 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.

### ■ BAUD RATE SETTING (B.RATE Switch)

PARAMETER	SET VALUE	DEFAULT VALUE	Factory Internal check
BAUD RATE	<input type="checkbox"/> 125 kbps (0)	125 kbps (0)	<input type="checkbox"/>
	<input type="checkbox"/> 250 kbps (1)		
	<input type="checkbox"/> 500 kbps (2)		
	<input type="checkbox"/> Auto tracking (3)		

### ■ NODE ADDRESS SETTING (NODE ADD. Switch)

PARAMETER	SETTING RANGE	SET VALUE	DEFAULT VALUE	Factory Internal check
NODE ADDRESS	1 - 63		0	<input type="checkbox"/>

### ■ EXTENSION SETTING

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

### ■ OUTPUT AT THE LOSS OF COMMUNICATION SETTING \*

PARAMETER	SET VALUE	DEFAULT VALUE	Factory Internal check
OUTPUT AT THE LOSS 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.

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

PARAMETER	SET VALUE	DEFAULT VALUE	Factory Internal check
RTD*1	<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		

\*1. When you want to set each channel independently, Select "PC Configuration setting," then specify each channel in "RTD 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) JPt 100 (JIS'89) Pt 50Ω (JIS'81) Ni 100 Cu 10 @ 25°C Cu 50 Unused*2		Pt 100 (JIS'97, IEC)	<input type="checkbox"/>
INPUT 1			Pt 100 (JIS'97, IEC)	<input type="checkbox"/>
INPUT 2			Pt 100 (JIS'97, IEC)	<input type="checkbox"/>
INPUT 3			Pt 100 (JIS'97, IEC)	<input type="checkbox"/>

\*2. Unused channels are set default.

**■ TEMPERATURE 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**

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

**■ CONVERSION RATE SETTING**

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

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 SETTING section.
- Specify temperature range in RTD RANGE SETTING section.
- Specify zero and full scale in SCALING SETTING section.

#### ■ CONVERTED DATA RANGE SETTING

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	SETTING RANGE	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	SETTING 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 SETTING

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

CHANNEL	SETTING RANGE	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"/>

#### ■ INTERFACE SETTING

PARAMETER	SETTING RANGE	SET VALUE	DEFAULT VALUE	Factory Internal check
Communication Timeout	0 to 32767 (1 = 0.1 sec.)		10 (1.0 sec.)	<input type="checkbox"/>
Status Data	OFF: Disable ON: Enable		OFF: Disable	<input type="checkbox"/>