

ORDERING INFORMATION

Model: R7D-TS4

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.

■ THERMOCOUPLE TYPE SETTING (APPLIES TO ALL 4 CHANNELS)

PARAMETER	SET VALUE	DEFAULT VALUE	Factory Internal check
THERMOCOUPLE*1	<input type="checkbox"/> K (CA)	K (CA)	<input type="checkbox"/>
	<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)		
	<input type="checkbox"/> (PR)		
	<input type="checkbox"/> PC Configurator setting		

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

■ THERMOCOUPLE TYPE SETTING (INDEPENDENT RANGE PER CHANNEL)

CHANNEL	THERMOCOUPLE	SET VALUE	DEFAULT VALUE	Factory Internal check
INPUT 0	K, E, J, T, B, R, S, C, N, U, L, P, PR, unused*2		K	<input type="checkbox"/>
INPUT 1			K	<input type="checkbox"/>
INPUT 2			K	<input type="checkbox"/>
INPUT 3			K	<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 THERMOCOUPLE 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		

■ THERMOCOUPLE 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]

T/C	SETTING RANGE			T/C	SETTING RANGE		
	°C	°F	K		°C	°F	K
K (CA)	-150 to +1370	-238 to +2498	124 to 1643	C (WRe 5-26)	0 to 2315	32 to 4199	274 to 2588
E (CRC)	-170 to +1000	-274 to +1832	104 to 1273	N	-130 to +1300	-202 to +2372	144 to 1573
J (IC)	-180 to +1200	-292 to +2192	94 to 1473	U	-200 to +600	-328 to +1112	74 to 873
T (CC)	-170 to +400	-274 to +752	104 to 673	L	-200 to +900	-328 to +1652	74 to 1173
B (RH)	400 to 1760	752 to 3200	674 to 2033	P (Platinel II)	0 to 1395	32 to 2543	274 to 1668
R	200 to 1760	392 to 3200	474 to 2033	(PR)	0 to 1760	32 to 3200	274 to 2033
S	0 to 1760	32 to 3200	274 to 2033				

■ 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"/>