

# ORDERING INFORMATION

# MODEL : R7G4HML3-6-TS4

PLEASE FILL IN THIS SECTION



Model \_\_\_\_\_

Company \_\_\_\_\_

Name \_\_\_\_\_

P/O No. \_\_\_\_\_

FACTORY USE ONLY



Job No. \_\_\_\_\_

Ser No. \_\_\_\_\_

Sales \_\_\_\_\_

Approved by (Sales office) \_\_\_\_\_

Issued by (Sales office) \_\_\_\_\_

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.

## ■ THERMOCOUPLE TYPE SETTING

CHANNEL	SET VALUE	DEFAULT VALUE	Factory Internal check
INPUT 0	<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"/> CH DISABLE		
INPUT 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"/> CH DISABLE		

CHANNEL	SET VALUE	DEFAULT VALUE	Factory Internal check
INPUT 2	<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"/> CH DISABLE		
INPUT 3	<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"/> CH DISABLE		

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

CHANNEL	SET VALUE	DEFAULT VALUE	Factory Internal check
INPUT 0	<input type="checkbox"/> Upscale	Upscale	<input type="checkbox"/>
	<input type="checkbox"/> Downscale		
INPUT 1	<input type="checkbox"/> Upscale	Upscale	<input type="checkbox"/>
	<input type="checkbox"/> Downscale		
INPUT 2	<input type="checkbox"/> Upscale	Upscale	<input type="checkbox"/>
	<input type="checkbox"/> Downscale		
INPUT 3	<input type="checkbox"/> Upscale	Upscale	<input type="checkbox"/>
	<input type="checkbox"/> Downscale		

■ THERMOCOUPLE RANGE SETTING (Zero temp, Full temp)

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

[Table 1]

T/C	AVAILABLE RANGE			T/C	AVAILABLE 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 (Zero temp, Full temp)**

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"/>

As the default setting, temperature ranges are set to 'Zero temp: 0', 'Full temp: 0'. The thermocouple input module then sends raw temperature data.

Data in °C and in K is multiplied by 10, e.g. '105' for 10.5°C, so that one decimal place can be converted. For those in °F, no multiplication is executed.

In order to send scaled data to the host PLC or PC, set the temperature range and scaling values.

Zero temperature value is scaled to 'Zero scale' and the full temperature value to 'Full scale' and then the scaled data is sent.

At burnout, a scaled value equivalent to the highest or lowest temperature of the available input range of each thermocouple is sent. However, it will be 115% of the scaled value when the value at burnout is above 115% and -15% when the value is below -15%.

■ **AVERAGING**

ITEM	SET VALUE	DEFAULT VALUE	Factory Internal check
AVERAGING	<input type="checkbox"/> Valid	Valid	<input type="checkbox"/>
	<input type="checkbox"/> Invalid		