

ORDERING INFORMATION

MODEL : R7E-TS4

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) |
| | 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 (APPLIES TO ALL 4 CHANNELS)

| ITEM | SET VALUE | DEFAULT VALUE | Factory Internal check |
|--|--|---------------|--------------------------|
| THERMOCOUPLE | <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 | | | |

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

Unused channels are set default.

■ TEMPARATURE 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

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

■ ETHERNET PARAMETERS

| ITEM | AVAILABLE VALUE | SET VALUE | DEFAULT VALUE | Factory Internal check |
|-------------|---|-----------|---------------|--------------------------|
| IP Address | 0 to 255 (integer) | | 192.168.0.1 | <input type="checkbox"/> |
| Subnet Mask | | | 255.255.255.0 | |
| Linger | 0 to 32767 (integer) TCP Socket closed after no communication (Set 1800 for 180.0 sec.) for the preset time. | | 1800 | |
| | | | 1800 | |
| | | | 1800 | |

■ 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 | | |

■ OUTPUT AT THE LOSE OF COMMUNICATION *

| ITEM | SET VALUE | DEFAULT VALUE | Factory Internal check |
|-------------------------------------|--|-----------------|--------------------------|
| OUTPUT AT THE LOSE 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.

■ 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"/> 1 sec | | |

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 RTD 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 | | |

■ THERMOCOUPLE RANGE SETTING

| CHANNEL | AVAILABLE VALUE | 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 | 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**

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"/> |