

ORDERING INFORMATION

MODEL : R30US4

PLEASE FILL IN THIS SECTION



Model _____

Company _____

Name _____

P/O No. _____

M-SYSTEM USE ONLY



Job No. _____

Ser No. _____ - _____

Sales _____

Approved by (Sales office) _____

Issued by (Sales office) _____

Approved by (Factory) _____

Set by (Factory) _____

Fill in blank sections or mark with if necessary. Default value will be used if not otherwise specified.

SOFTWARE SETTING

■ INPUT TYPE

CHANNEL	SET VALUE	DEFAULT VALUE	FACTORY INTERNAL CHECK
INPUT 1	<input type="checkbox"/> -10 to +10V DC <input type="checkbox"/> TC (PR) <input type="checkbox"/> TC S <input type="checkbox"/> RTD Pt 100 <input type="checkbox"/> -1000 to +1000mV DC <input type="checkbox"/> TC K <input type="checkbox"/> TC C <input type="checkbox"/> RTD Pt 500 <input type="checkbox"/> -20 to +20mA DC <input type="checkbox"/> TC E <input type="checkbox"/> TC N <input type="checkbox"/> RTD Pt 1000 <input type="checkbox"/> POT 0 to 4000Ω <input type="checkbox"/> TC J <input type="checkbox"/> TC U <input type="checkbox"/> RTD Pt 50Ω <input type="checkbox"/> POT 0 to 2500Ω <input type="checkbox"/> TC T <input type="checkbox"/> TC L <input type="checkbox"/> RTD JPt 100 <input type="checkbox"/> POT 0 to 1200Ω <input type="checkbox"/> TC B <input type="checkbox"/> TC P <input type="checkbox"/> RTD Ni 508.4Ω <input type="checkbox"/> POT 0 to 600Ω <input type="checkbox"/> TC R <input type="checkbox"/> RTD Cu 10 <input type="checkbox"/> POT 0 to 300Ω <input type="checkbox"/> CH enable <input type="checkbox"/> POT 0 to 150Ω <input type="checkbox"/> OHM 0 to 4000Ω	-10 to +10V DC	<input type="checkbox"/>
INPUT 2	<input type="checkbox"/> -10 to +10V DC <input type="checkbox"/> TC (PR) <input type="checkbox"/> TC S <input type="checkbox"/> RTD Pt 100 <input type="checkbox"/> -1000 to +1000mV DC <input type="checkbox"/> TC K <input type="checkbox"/> TC C <input type="checkbox"/> RTD Pt 500 <input type="checkbox"/> -20 to +20mA DC <input type="checkbox"/> TC E <input type="checkbox"/> TC N <input type="checkbox"/> RTD Pt 1000 <input type="checkbox"/> POT 0 to 4000Ω <input type="checkbox"/> TC J <input type="checkbox"/> TC U <input type="checkbox"/> RTD Pt 50Ω <input type="checkbox"/> POT 0 to 2500Ω <input type="checkbox"/> TC T <input type="checkbox"/> TC L <input type="checkbox"/> RTD JPt 100 <input type="checkbox"/> POT 0 to 1200Ω <input type="checkbox"/> TC B <input type="checkbox"/> TC P <input type="checkbox"/> RTD Ni 508.4Ω <input type="checkbox"/> POT 0 to 600Ω <input type="checkbox"/> TC R <input type="checkbox"/> RTD Cu 10 <input type="checkbox"/> POT 0 to 300Ω <input type="checkbox"/> CH enable <input type="checkbox"/> POT 0 to 150Ω <input type="checkbox"/> OHM 0 to 4000Ω	-10 to +10V DC	<input type="checkbox"/>
INPUT 3	<input type="checkbox"/> -10 to +10V DC <input type="checkbox"/> TC (PR) <input type="checkbox"/> TC S <input type="checkbox"/> RTD Pt 100 <input type="checkbox"/> -1000 to +1000mV DC <input type="checkbox"/> TC K <input type="checkbox"/> TC C <input type="checkbox"/> RTD Pt 500 <input type="checkbox"/> -20 to +20mA DC <input type="checkbox"/> TC E <input type="checkbox"/> TC N <input type="checkbox"/> RTD Pt 1000 <input type="checkbox"/> POT 0 to 4000Ω <input type="checkbox"/> TC J <input type="checkbox"/> TC U <input type="checkbox"/> RTD Pt 50Ω <input type="checkbox"/> POT 0 to 2500Ω <input type="checkbox"/> TC T <input type="checkbox"/> TC L <input type="checkbox"/> RTD JPt 100 <input type="checkbox"/> POT 0 to 1200Ω <input type="checkbox"/> TC B <input type="checkbox"/> TC P <input type="checkbox"/> RTD Ni 508.4Ω <input type="checkbox"/> POT 0 to 600Ω <input type="checkbox"/> TC R <input type="checkbox"/> RTD Cu 10 <input type="checkbox"/> POT 0 to 300Ω <input type="checkbox"/> CH enable <input type="checkbox"/> POT 0 to 150Ω <input type="checkbox"/> OHM 0 to 4000Ω	-10 to +10V DC	<input type="checkbox"/>
INPUT 4	<input type="checkbox"/> -10 to +10V DC <input type="checkbox"/> TC (PR) <input type="checkbox"/> TC S <input type="checkbox"/> RTD Pt 100 <input type="checkbox"/> -1000 to +1000mV DC <input type="checkbox"/> TC K <input type="checkbox"/> TC C <input type="checkbox"/> RTD Pt 500 <input type="checkbox"/> -20 to +20mA DC <input type="checkbox"/> TC E <input type="checkbox"/> TC N <input type="checkbox"/> RTD Pt 1000 <input type="checkbox"/> POT 0 to 4000Ω <input type="checkbox"/> TC J <input type="checkbox"/> TC U <input type="checkbox"/> RTD Pt 50Ω <input type="checkbox"/> POT 0 to 2500Ω <input type="checkbox"/> TC T <input type="checkbox"/> TC L <input type="checkbox"/> RTD JPt 100 <input type="checkbox"/> POT 0 to 1200Ω <input type="checkbox"/> TC B <input type="checkbox"/> TC P <input type="checkbox"/> RTD Ni 508.4Ω <input type="checkbox"/> POT 0 to 600Ω <input type="checkbox"/> TC R <input type="checkbox"/> RTD Cu 10 <input type="checkbox"/> POT 0 to 300Ω <input type="checkbox"/> CH enable <input type="checkbox"/> POT 0 to 150Ω <input type="checkbox"/> OHM 0 to 4000Ω	-10 to +10V DC	<input type="checkbox"/>

■ **WIRING** (SPECIFY ONLY FOR RESISTOR AND RTD)

CHANNEL	SET VALUE		DEFAULT VALUE	FACTORY INTERNAL CHECK
INPUT 1	<input type="checkbox"/> 2-wire	<input type="checkbox"/> 3-wire	3-wire	<input type="checkbox"/>
INPUT 2	<input type="checkbox"/> 2-wire	<input type="checkbox"/> 3-wire	3-wire	<input type="checkbox"/>
INPUT 3	<input type="checkbox"/> 2-wire	<input type="checkbox"/> 3-wire	3-wire	<input type="checkbox"/>
INPUT 4	<input type="checkbox"/> 2-wire	<input type="checkbox"/> 3-wire	3-wire	<input type="checkbox"/>

■ **BURNOUT** (SPECIFY ONLY FOR POTENTIOMETER, RESISTOR, RTD AND THERMOCOUPLE)

CHANNEL	SET VALUE			DEFAULT VALUE	FACTORY INTERNAL CHECK
INPUT 1	<input type="checkbox"/> Upscale	<input type="checkbox"/> Downscale	<input type="checkbox"/> None	Upscale	<input type="checkbox"/>
INPUT 2	<input type="checkbox"/> Upscale	<input type="checkbox"/> Downscale	<input type="checkbox"/> None	Upscale	<input type="checkbox"/>
INPUT 3	<input type="checkbox"/> Upscale	<input type="checkbox"/> Downscale	<input type="checkbox"/> None	Upscale	<input type="checkbox"/>
INPUT 4	<input type="checkbox"/> Upscale	<input type="checkbox"/> Downscale	<input type="checkbox"/> None	Upscale	<input type="checkbox"/>

■ **CJC** (SPECIFY ONLY FOR THERMOCOUPLE)

CHANNEL	SET VALUE		DEFAULT VALUE	FACTORY INTERNAL CHECK
INPUT 1	<input type="checkbox"/> Enabled	<input type="checkbox"/> Disabled	Enabled	<input type="checkbox"/>
INPUT 2	<input type="checkbox"/> Enabled	<input type="checkbox"/> Disabled	Enabled	<input type="checkbox"/>
INPUT 3	<input type="checkbox"/> Enabled	<input type="checkbox"/> Disabled	Enabled	<input type="checkbox"/>
INPUT 4	<input type="checkbox"/> Enabled	<input type="checkbox"/> Disabled	Enabled	<input type="checkbox"/>

■ **UNIT** (SPECIFY ONLY FOR RTD AND THERMOCOUPLE)

CHANNEL	SET VALUE			DEFAULT VALUE	FACTORY INTERNAL CHECK
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"/>
INPUT 4	<input type="checkbox"/> °C	<input type="checkbox"/> °F	<input type="checkbox"/> K	°C	<input type="checkbox"/>

■ **ZERO / FULL BASE**

CHANNEL	AVAILABLE RANGE	SET VALUE	DEFAULT VALUE	FACTORY INTERNAL CHECK
INPUT 1	Zero base	depends on input types (Refer to table 1 and 2)	0	<input type="checkbox"/>
	Full base	depends on input types (Refer to table 1 and 2)	0	<input type="checkbox"/>
INPUT 2	Zero base	depends on input types (Refer to table 1 and 2)	0	<input type="checkbox"/>
	Full base	depends on input types (Refer to table 1 and 2)	0	<input type="checkbox"/>
INPUT 3	Zero base	depends on input types (Refer to table 1 and 2)	0	<input type="checkbox"/>
	Full base	depends on input types (Refer to table 1 and 2)	0	<input type="checkbox"/>
INPUT 4	Zero base	depends on input types (Refer to table 1 and 2)	0	<input type="checkbox"/>
	Full base	depends on input types (Refer to table 1 and 2)	0	<input type="checkbox"/>

■ **SCALED RANGE ZERO / SPAN** (SPECIFY ONLY FOR RTD AND THERMOCOUPLE AND WHEN ZERO/FULL BASE IS SET)

CHANNEL		AVAILABLE RANGE	SET VALUE	DEFAULT VALUE	FACTORY INTERNAL CHECK
INPUT 1	Scaled range Zero	-32000 to +32000		0	<input type="checkbox"/>
	Scaled range Span	-32000 to +32000		10000	<input type="checkbox"/>
INPUT 2	Scaled range Zero	-32000 to +32000		0	<input type="checkbox"/>
	Scaled range Span	-32000 to +32000		10000	<input type="checkbox"/>
INPUT 3	Scaled range Zero	-32000 to +32000		0	<input type="checkbox"/>
	Scaled range Span	-32000 to +32000		10000	<input type="checkbox"/>
INPUT 4	Scaled range Zero	-32000 to +32000		0	<input type="checkbox"/>
	Scaled range Span	-32000 to +32000		10000	<input type="checkbox"/>

■ **FIRST ORDER LAG FILTER**

CHANNEL	AVAILABLE RANGE	SET VALUE	DEFAULT VALUE	FACTORY INTERNAL CHECK
INPUT 1	0.0, 0.5 to 60.0 (sec.)		0.0, (sec.)	<input type="checkbox"/>
INPUT 2	0.0, 0.5 to 60.0 (sec.)		0.0, (sec.)	<input type="checkbox"/>
INPUT 3	0.0, 0.5 to 60.0 (sec.)		0.0, (sec.)	<input type="checkbox"/>
INPUT 4	0.0, 0.5 to 60.0 (sec.)		0.0, (sec.)	<input type="checkbox"/>

[Table 1]

■ INPUT TYPE, RANGE

INPUT TYPE	INPUT RANGE
DC Current	-20 to +20 mA DC
DC Voltage	-1000 to +1000 mV DC
	-10 to +10 V DC
Potentiometer	0 to 4000Ω
Resistor	0 to 4000Ω

Thermocouple	°C		°F		K	
	USABLE RANGE	CONFORMANCE RANGE	USABLE RANGE	CONFORMANCE RANGE	USABLE RANGE	CONFORMANCE RANGE
(PR)	-50 to 1860	0 to 1760	-58 to +3380	32 to 3200	223.2 to 2133.2	273.2 to 2033.2
K (CA)	-273.2 to +1470	-150 to +1370	-460 to +2678	-238 to +2498	0 to 1743.2	123.2 to 1643.2
E (CRC)	-273.2 to +1020	-170 to +1000	-460 to +1868	-274 to +1832	0 to 1293.2	103.2 to 10273.2
J (IC)	-273.2 to +1300	-180 to +1200	-460 to +2372	-292 to +2192	0 to 1573.2	93.2 to 1473.2
T (CC)	-273.2 to +500	-170 to +400	-460 to +932	-274 to +752	0 to 773.2	103.2 to 673.2
B (RH)	20 to 1920	400 to 1760	68 to 3488	752 to 3200	293.2 to 2193.2	673.2 to 2033.2
R	-100 to +1860	200 to 1760	-148 to +3380	392 to 3200	173.2 to 2133.2	473.2 to 2033.2
S	-100 to +1860	0 to 1760	-148 to +3380	32 to 3200	173.2 to 2133.2	273.2 to 2033.2
C (WRe 5-26)	-50 to +2420	0 to 2315	-58 to +4388	32 to 4199	223.2 to 2693.2	273.2 to 2588.2
N	-273.2 to +1400	-130 to +1300	-460 to +2552	-202 to +2372	0 to 1673.2	143.2 to 1573.2
U	-273.2 to +700	-200 to +600	-460 to +1292	-328 to +1112	0 to 973.2	73.2 to 873.2
L	-273.2 to +1000	-200 to +900	-460 to +1832	-328 to +1652	0 to 1273.2	73.2 to 1173.2
P (Platinel II)	-50 to +1500	0 to 1395	-58 to +2732	32 to 2543	223.2 to 1773.2	273.2 to 1668.2

RTD	°C		°F		K	
	USABLE RANGE	CONFORMANCE RANGE	USABLE RANGE	CONFORMANCE RANGE	USABLE RANGE	CONFORMANCE RANGE
Pt 100 (JIS '97, IEC)	-240 to +950	-200 to +850	-400 to +1742	-328 to +1562	33.2 to 1223.2	73.2 to 1123.2
Pt 500	-240 to +950	-200 to +850	-400 to +1742	-328 to +1562	33.2 to 1223.2	73.2 to 1123.2
Pt 1000	-240 to +950	-200 to +850	-400 to +1742	-328 to +1562	33.2 to 1223.2	73.2 to 1123.2
Pt 50Ω (JIS '81)	-235 to +750	-200 to +649	-391 to +1382	-328 to +1200	38.2 to 1023.2	73.2 to 922.2
JPt 100 (JIS '89)	-235 to +610	-200 to +510	-391 to +1130	-328 to +950	38.2 to 913.2	73.2 to 783.2
Ni 508.4Ω	-100 to +330	-50 to +200	-148 to +626	-58 to +392	173.2 to 603.2	223.2 to 473.2
Cu 10 @ 25°C	-210 to +350	-50 to +250	-346 to +662	-58 to +482	63.2 to 623.2	223.2 to 523.2

[Table 2]

FEATURE	DESCRIPTION	INPUT TYPE	RANGE
Zero base / Full base	0% setting value / 100% setting value	-20 to +20mA	-32.000 to +32.000
		-10 to +10V	
		POT (%)	-320.00 to +320.00
		-1000 to +1000mV	-3200.0 to +3200.0
		RTD, TC (°C, K)	
		RTD, TC (°F)	-32000 to +32000
0 to 4000 Ω	0 to 32000		