

ORDERING INFORMATION

MODEL : R7M-SV4

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.

■ INPUT RANGE SETTING (APPLIES TO ALL 4 CHANNELS)

ITEM	SET VALUE	DEFAULT VALUE	Factory Internal check
INPUT RANGE	<input type="checkbox"/> -10 – +10V DC	-10 – +10V DC	<input type="checkbox"/>
	<input type="checkbox"/> -5 – +5V DC		
	<input type="checkbox"/> -1 – +1V DC		
	<input type="checkbox"/> 0 – 10V DC		
	<input type="checkbox"/> 0 – 5V DC		
	<input type="checkbox"/> 1 – 5V DC		
	<input type="checkbox"/> 0 – 1V DC		
	<input type="checkbox"/> -0.5 – +0.5V DC		
	<input type="checkbox"/> -20 – +20mA DC		
	<input type="checkbox"/> 4 – 20mA DC		
	<input type="checkbox"/> 0 – 20mA DC		
	<input type="checkbox"/> PC Configurator setting		

When you want to set each channel independently, select "PC Configuration setting", then specify each channel in "INPUT RANGE SETTING (INDEPENDENT RANGE PER CHANNEL)".

■ INPUT RANGE SETTING (INDEPENDENT RANGE PER CHANNEL)

CHANNEL	SET VALUE	DEFAULT VALUE	Factory Internal check
INPUT 0	<input type="checkbox"/> -10 – +10V DC	-10 – +10V DC	<input type="checkbox"/>
	<input type="checkbox"/> -5 – +5V DC		
	<input type="checkbox"/> -1 – +1V DC		
	<input type="checkbox"/> 0 – 10V DC		
	<input type="checkbox"/> 0 – 5V DC		
	<input type="checkbox"/> 1 – 5V DC		
	<input type="checkbox"/> 0 – 1V DC		
	<input type="checkbox"/> -0.5 – +0.5V DC		
	<input type="checkbox"/> -20 – +20mA DC		
	<input type="checkbox"/> 4 – 20mA DC		
	<input type="checkbox"/> 0 – 20mA DC		
	<input type="checkbox"/> Unused		
INPUT 1	<input type="checkbox"/> -10 – +10V DC	-10 – +10V DC	<input type="checkbox"/>
	<input type="checkbox"/> -5 – +5V DC		
	<input type="checkbox"/> -1 – +1V DC		
	<input type="checkbox"/> 0 – 10V DC		
	<input type="checkbox"/> 0 – 5V DC		
	<input type="checkbox"/> 1 – 5V DC		
	<input type="checkbox"/> 0 – 1V DC		
	<input type="checkbox"/> -0.5 – +0.5V DC		
	<input type="checkbox"/> -20 – +20mA DC		
	<input type="checkbox"/> 4 – 20mA DC		
	<input type="checkbox"/> 0 – 20mA DC		
	<input type="checkbox"/> Unused		
INPUT 2	<input type="checkbox"/> -10 – +10V DC	-10 – +10V DC	<input type="checkbox"/>
	<input type="checkbox"/> -5 – +5V DC		
	<input type="checkbox"/> -1 – +1V DC		
	<input type="checkbox"/> 0 – 10V DC		
	<input type="checkbox"/> 0 – 5V DC		
	<input type="checkbox"/> 1 – 5V DC		
	<input type="checkbox"/> 0 – 1V DC		
	<input type="checkbox"/> -0.5 – +0.5V DC		
	<input type="checkbox"/> -20 – +20mA DC		
	<input type="checkbox"/> 4 – 20mA DC		
	<input type="checkbox"/> 0 – 20mA DC		
	<input type="checkbox"/> Unused		
INPUT 3	<input type="checkbox"/> -10 – +10V DC	-10 – +10V DC	<input type="checkbox"/>
	<input type="checkbox"/> -5 – +5V DC		
	<input type="checkbox"/> -1 – +1V DC		
	<input type="checkbox"/> 0 – 10V DC		
	<input type="checkbox"/> 0 – 5V DC		
	<input type="checkbox"/> 1 – 5V DC		
	<input type="checkbox"/> 0 – 1V DC		
	<input type="checkbox"/> -0.5 – +0.5V DC		
	<input type="checkbox"/> -20 – +20mA DC		
	<input type="checkbox"/> 4 – 20mA DC		
	<input type="checkbox"/> 0 – 20mA DC		
	<input type="checkbox"/> Unused		

Unused channels are set default.

■ MODBUS COMMUNICATION PARAMETERS

ITEM	SET VALUE *1	DEFAULT VALUE	Factory Internal check
Data Mode and Bit Length *2	<input type="checkbox"/> 7: ASCII	8: RTU	<input type="checkbox"/>
	<input type="checkbox"/> 8: RTU		
Parity Bit*2	<input type="checkbox"/> None	None	<input type="checkbox"/>
	<input type="checkbox"/> Odd	Available	
	<input type="checkbox"/> Even		

*1. Choose appropriately for the connected device.

Standard settings of the other products of M-SYSTEM are Data Mode: RTU, Bit Length: 8, Parity Bit: Odd (Available) and Stop Bit: 1. Stop Bit cannot be specified, as Stop Bit is set to 1 or 2 by specifying with Data Mode and Parity Bit.

*2. Bit assignment according to setting of Data Mode, Bit Length and Parity.

MODE	START	DATA	PARITY	STOP
ASCII	1	7	Available	1
	1	7	None	2
RTU	1	8	Available	1
	1	8	None	2

■ BAUD RATE

ITEM	SET VALUE	DEFAULT VALUE	Factory Internal check
BAUD RATE	<input type="checkbox"/> 38.4 kbps	38.4 kbps	<input type="checkbox"/>
	<input type="checkbox"/> 19.2 kbps		
	<input type="checkbox"/> 9600 bps		
	<input type="checkbox"/> 4800 bps		

■ NODE ADDRESS

AVAILABLE VALUE	SET VALUE	DEFAULT VALUE	Factory Internal check
1 to 99		0	<input type="checkbox"/>

■ 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"/>

■ CONVERSION RATE

ITEM	SET VALUE	DEFAULT VALUE	Factory Internal check
CONVERSION RATE / CONVERSION ACCURACY	<input type="checkbox"/> 80ms / ±0.1%	80ms / ±0.1%	<input type="checkbox"/>
	<input type="checkbox"/> 40ms / ±0.2%		
	<input type="checkbox"/> 20ms / ±0.4%		
	<input type="checkbox"/> 10ms / ±0.8%		

■ 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		