

ORDERING INFORMATION

MODEL : R7G4HML3-6-STYVS1

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)

Specify the items you want to change. Default setting will be used if not specified.

DEFAULT shows values in case of nothing specified.

Note: Self-Sync input module can not measure precisely only with specified settings.

Be sure to perform angle offset with your Self-Sync.

■ INPUT SIGNAL SETTING

ITEM	AVAILABLE RANGE	SET VALUE	DEFAULT VALUE	Factory Internal check
Angle span	60.00 to 360.00 [deg.]		270.00 [deg.]	<input type="checkbox"/>
Input rotate direction	Choose from right	<input type="checkbox"/> CW <input type="checkbox"/> CCW	CW	<input type="checkbox"/>

■ INPUT SCALING SETTING

ITEM	AVAILABLE RANGE	SET VALUE	DEFAULT VALUE	Factory Internal check
Input scaling	-32,000 to +32,000	to	0 to 10,000	<input type="checkbox"/>

■ MOVING AVERAGE

ITEM	AVAILABLE RANGE	SET VALUE	DEFAULT VALUE	Factory Internal check
Moving average	1, 2, 4, 8, 16, 32, 64, 128, 256		1	<input type="checkbox"/>

■ NUMBER OF POINT FOR LINEARIZATION

ITEM	AVAILABLE RANGE	SET VALUE	DEFAULT VALUE	Factory Internal check
Number of point for linearization	0 (Linearize disable), 3 to 32		0	<input type="checkbox"/>

■ **Linearization (depends on number of point)**

Set linearize data specified by the number of point for linearization.

Settable range: -15% (1500) to +115% (11500)

**Factory
Internal
check**

□

No.	X [%]	Y [%]	No.	X [%]	Y [%]
1			17		
2			18		
3			19		
4			20		
5			21		
6			22		
7			23		
8			24		
9			25		
10			26		
11			27		
12			28		
13			29		
14			30		
15			31		
16			32		

* **Linearization**

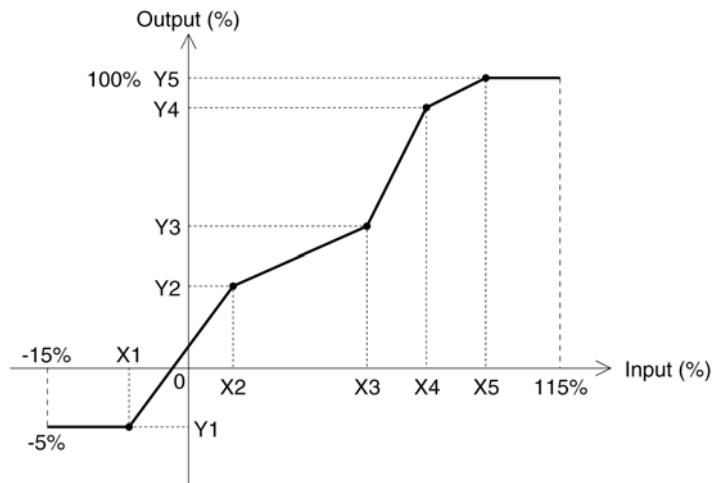
It is available to approximate the relation between self-synch input and the read value of the unit by max. 32 points of line plot.

The linearization consists of pair of X-axis and Y-axis. Set with integer of hundredfold % value (-1500 - 11500).

For X-axis, set so that No.1 < No.2 < No.3

• **Example**

No.	X [%]	Y [%]
1	-500	-500
2	1000	3000
3	6000	5000
4	8000	9000
5	10000	10000



■ **OUTPUT RANGE**

ITEM	AVAILABLE RANGE	SET VALUE	DEFAULT VALUE	Factory Internal check
Output range	Choose from right	<input type="checkbox"/> -10 to +10V DC <input type="checkbox"/> -5 to +5V DC <input type="checkbox"/> 0 to 10V DC <input type="checkbox"/> 0 to 5V DC <input type="checkbox"/> 1 to 5V DC <input type="checkbox"/> 4 to 20mA DC <input type="checkbox"/> CH disable	-10 to +10V DC	<input type="checkbox"/>

For CH disable, default value is applied.

■ **OUTPUT SCALING SETTING**

Set output scaling for each channel (Scaled range Zero to Scaled range Span)

ITEM	AVAILABLE RANGE	SET VALUE	DEFAULT VALUE	Factory Internal check
Output scaling	-32,000 to +32,000	to	0 to 10,000	<input type="checkbox"/>

■ **OUTPUT RESET VALUE *1**

ITEM	AVAILABLE RANGE	SET VALUE	DEFAULT VALUE	Factory Internal check
Output reset value	-15.00 to +115.00 [%]		-15.00 [%]	<input type="checkbox"/>

*1. When output range is -10 to +10V DC, the output is approx. -11.5V DC for approx. '-7.5 to -15%', +11.5V DC for approx. '107.5 to 115%'.

■ **OUTPUT FUNCTION AT THE LOSS OF COMMUNICATION**

ITEM	AVAILABLE RANGE	SET VALUE	DEFAULT VALUE	Factory Internal check
Output function at the loss of communication	Choose from right	<input type="checkbox"/> Hold the output <input type="checkbox"/> Output reset value	Hold the output	<input type="checkbox"/>