

# ORDERING INFORMATION

# MODEL : M6xXV

**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.

**■ BASIC SETTING**

ITEM	AVAILABLE VALUE		SET VALUE	DEFAULT VALUE	Factory Internal check
<b>RESPONSE CHARACTERISTICS</b>	High sensitivity Standard	Mark <input type="checkbox"/> with ✓ if necessary	<input type="checkbox"/> High sensitivity <input type="checkbox"/> Standard	Standard	<input type="checkbox"/>
<b>FILTER TIME CONSTANT</b>	0 (No Filter) 0.5 to 30 sec.	Specify the value		0 (No Filter)	<input type="checkbox"/>

**TERMINOLOGY**

**● RESPONSE CHARACTERISTICS**

The factory default setting is "Standard." The output signal is stable and fluctuation is small. However, output may not respond to small variation of input signal.

"High sensitivity" can quickly respond to small variation of input signal. However, fluctuation of output signal may be increased.

**● FILTER TIME CONSTANT**

A first order lag filter with the specified time constant is available. When this value is 0, the signal is no filter is applied. 0.5 to 30 (sec.) time constant can be set.

This first order lag filter is equivalent to CR filter. The output signal reaches approx. 63 % of full-scale of step input in the specified time constant.

■ LINEARIZATION

Specify the input & output values and the units.

X[n] = Input Value of n-th (mA, V, %)

Y[n] = Output Value of n-th (mA, V, %)

-2% ≤ X[n] ≤ 102%, -2% ≤ Y[n] ≤ 102%, X[n] < X[n+1]

Factory Internal check
□

n	X (UNIT: )	Y (UNIT: )	n	X	Y
0			25		
1			26		
2			27		
3			28		
4			29		
5			30		
6			31		
7			32		
8			33		
9			34		
10			35		
11			36		
12			37		
13			38		
14			39		
15			40		
16			41		
17			42		
18			43		
19			44		
20			45		
21			46		
22			47		
23			48		
24			49		

n	X	Y	n	X	Y
50			75		
51			76		
52			77		
53			78		
54			79		
55			80		
56			81		
57			82		
58			83		
59			84		
60			85		
61			86		
62			87		
63			88		
64			89		
65			90		
66			91		
67			92		
68			93		
69			94		
70			95		
71			96		
72			97		
73			98		
74			99		
			100		