ORDERING INFORMATION   MODEL : M6xXAS

PLEASE FILL IN THIS SECTION

Model	
Company	
Name	
P/O No.	

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

DEFAULT shows values in case of nothing specified.

■SETTING

PARAMETER	AVAILABLE VALUE	DEFAULT VALUE	SET VALUE	Factory Internal check
Response characteristics *1	High sensitivity Standard	Standard	☐ High sensitivity ☐ Standard	☐ Checked
Filter time constant *2	0 (No filter) 0.5 ～ 30 sec.	0 (No filter)	sec.	☐ Checked
Alarm value *3	-2 to +102 %	80.0 %	%	☐ Checked
Alarm trip operation *4	High Low	High	☐ High ☐ Low	☐ Checked
Coil at alarm *5	Energized De-energized	Energized	☐ Energized ☐ De-energized	☐ Checked
Power ON delay timer *6	0 to 999 sec.	5 sec.	sec.	☐ Checked
Alarm ON delay timer *7	0 to 999 sec.	0 sec.	sec.	☐ Checked
Hysteresis (Deadband) *8	0.0000 to 99.9999 %	1.0 %	%	☐ Checked
Linearization *9	0:Disable 1:Enable	0:Disable	☐ 0:Disable ☐ 1:Enable(Use the LINEARIZATION table.)	☐ Checked

*1. Response characteristics

Choose input response characteristic among the following:

Standard

Normal response of signal conditioners.   For normal input signal, the fluctuation in the output is small and the output stabilizes.   On the other hand, the output may not respond to small variation in the input signal.

High sensitivity

The response time to very small variation in input signal will be short.   On the other hand, the fluctuation in the output may be large for normal input signal.

*2. Filter time constant

First order lag filter is used.   Time contact, time required for an step input to track and reach approx. 63% of the full-scale, is selectable from 0.5 to 30 seconds.   No filter is applied when set to 0.

*3. Alarm value

Threshold value to trip an alarm.

*4. Alarm trip operation

Choose either High or Low alarm.

*5 Coil at alarm

You can specify either the relay coil is to be energized or de-energized at an alarm condition.

The table below shows how this setting affects the relay contact status across each set of terminals depending upon alarm conditions.

Coil	Set to 'Energized'		Set to 'De-energized'	
Terminal	COM-NO	COM-NC	COM-NO	COM-NC
Alarm tripped	ON	OFF	OFF	ON
Alarm not tripped	OFF	ON	ON	OFF
Power OFF	OFF	ON	OFF	ON

*6. Power ON delay timer

Alarm is disregarded for the preset power on delay time after the power supply to the device is turned on.

*7. Alarm ON delay timer

Alarm contact does not trip unless an alarm condition remains true for the alarm on delay time. If the input signal goes out of the alarm zone within the preset time, the delay time is reset so that when it comes into the zone again, the delay time is newly applied.

*8. Hysteresis（Deadband）

Once an alarm is tripped, it is not reset until the input signal goes across and past the setpoint by the hysteresis(deadband).

*9. Linearization

Choose among the following:

0: Disable

1: Enable

With'0: Disable'selected, the output % is proportional to the input %.

With'1: Enable'selected, the input % is converted into the output % according a user specified table.

When you choose 1:Enable,use the LINEARIZATION table.

■LINEARIZATION

Specify the input & output values and the units.

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

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

$-2\% \leq X[n] \leq 102\%, \quad -2\% \leq Y[n] \leq 102\%, \quad X[n] < X[n+1]$

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		