

ORDERING INFORMATION

Model : M5XADS, M5XSBS, M5XMLS, M5XDIS

PLEASE FILL IN THIS SECTION		FACTORY USE ONLY	
Model		Job No.	Approved by (Sales office)
Company		Ser No.	Issued by (Sales office)
Name		Sales Rep.	Approved by (Factory)
P/O No.			Issued by (Factory)
			Ser No.

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

■ INPUT SETTING

ITEM		SET VALUE	DEFAULT VALUE	COMMENTS	FACTORY INTERNAL CHECK
Input 1	Input range	☐ 0 to 50 mA DC ☐ -1000 to +1000 mV DC ☐ -10 to +10 V DC	0 to 50 mA DC		☐
	0 % input setting		4.0000 mA 0.00 mV 0.0000 V	Specify within settable range in the table 1.	☐
	100 % input setting		20.0000 mA 1000.00 mV 10.0000 V		
	Low-end cut point		0.0000 %	Specify within the range of 0.0000 to 99.9999.	☐
	Input lower limit		-2.0000 %	Specify within the range of -2.0000 to 101.0000.	☐
	Input upper limit		102.0000 %	Specify within the range of -1.0000 to 102.0000.	☐
Input 2	Input range	☐ 0 to 50 mA DC ☐ -1000 to +1000 mV DC ☐ -10 to +10 V DC	0 to 50 mA DC		☐
	0 % input setting		4.0000 mA 0.00 mV 0.0000 V	Specify within settable range in the table 1.	☐
	100 % input setting		20.0000 mA 1000.00 mV 10.0000 V		
	Low-end cut point		0.0000 %	Specify within the range of 0.0000 to 99.9999.	☐
	Input lower limit		-2.0000 %	Specify within the range of -2.0000 to 101.0000.	☐
	Input upper limit		102.0000 %	Specify within the range of -1.0000 to 102.0000.	☐
Filter time constant*1			0.0 sec.	Specify the range between 0.0 and 30.0 sec.	☐

*1. Filter time constant

Set filter time constant of the first order lag filter. The first order lag filter is available with setting time.

When '0' is set to this parameter, the first order lag filter is not available (Response time: ≤ 0.5 sec. (0 - 90 %)).

The first order lag filter is equivalent to general CR filter.

The setting time constant is the time to follow until about 63 %, when input varies from 0 % to 100 %.

■ COMPUTING SETTING

ITEM	SET VALUE	DEFAULT VALUE	COMMENTS	FACTORY INTERNAL CHECK
K ₀		1.0000	Specify within the range of -29.9999 to 29.9999 for K ₀ to K ₂ , and -299.9999 (%) to 299.9999 (%) for A ₀ to A ₂	☐
K ₁		1.0000		☐
K ₂		1.0000		☐
A ₀		0.0000%		☐
A ₁		0.0000%		☐
A ₂		0.0000%		☐

■ OUTPUT SETTING

ITEM	SET VALUE	DEFAULT VALUE	COMMENTS	FACTORY INTERNAL CHECK
Output range	☐ 0 to 20 mA DC ☐ -5 to +5 V DC ☐ -10 to +10 V DC	0 to 20 mA DC		☐
0 % output setting		4.0000 mA	Specify within settable range in the table 2.	☐
100 % output setting		20.0000 mA		☐
0 % output limit		3.8 mA		☐
100 % output limit		20.5 mA		☐

[Table 1]

INPUT RANGE	MIN. SPAN	SETTABLE RANGE
Current input	2 mA	0.0000 to 50.0000 mA DC
Voltage input	100 mV	-1000.00 to +1000.00 mV DC
	1 V	-10.0000 to +10.0000 V DC

[Table 2]

Output Range	Minimum Span	Setting Range
Current output	1 mA	0.0000 to 23.0000 mA DC
Voltage output	500 mV	-5.7500 to +5.7500 V DC
	1 V	11.5000 to +11.5000 V DC