

# ORDERING INFORMATION

# Model : M5XU

## PLEASE FILL IN THIS SECTION



Model
Company
Name
P/O No.

## FACTORY USE ONLY



Job No.	Approved by (Sales office)
Ser No.	Issued by (Sales office)
Sales Rep.	Approved by (Factory)
	Issued by (Factory)
	Ser No.

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

### INPUT SETTING

ITEM	SET VALUE	DEFAULT SETTING	COMMENTS	FACTORY INTERNAL CHECK
Input type		DC current		<input type="checkbox"/>
0% input setting		4 mA	Specify within settable range in the table 1.	<input type="checkbox"/>
100% input setting		20 mA		<input type="checkbox"/>
Wiring	<input type="checkbox"/> 2-wire <input type="checkbox"/> 3-wire <input type="checkbox"/> 4-wire		Specify only when using RTD or resistor.	<input type="checkbox"/>
Filter time constant <sup>*1</sup>		0 sec.	Specify the range between 0 and 30 sec.	<input type="checkbox"/>

#### \*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 %.

### OUTPUT SETTING

ITEM	SET VALUE	DEFAULT SETTING	COMMENTS	FACTORY INTERNAL CHECK
Output range	<input type="checkbox"/> 0 - 20 mA DC <input type="checkbox"/> -5 - +5 V DC <input type="checkbox"/> -10 - +10 V DC	0 - 20 mA DC		<input type="checkbox"/>
0% output setting		4 mA	Specify within settable range in the table 2.	<input type="checkbox"/>
100% output setting		20 mA		<input type="checkbox"/>
0% output limit		3.8 mA		<input type="checkbox"/>
100% output limit		20.5 mA		<input type="checkbox"/>
Burnout detection	<input type="checkbox"/> With <input type="checkbox"/> Without	Without	Cannot be specified at DC current & voltage.	<input type="checkbox"/>
Output at burnout			Specify within settable range in the table 2.	<input type="checkbox"/>
Sensor shortcircuit detection	<input type="checkbox"/> With <input type="checkbox"/> Without	Without	Cannot be specified at DC current & voltage, and thermocouple input.	<input type="checkbox"/>
Output at sensor shortcircuit			Specify within settable range in the table 2.	<input type="checkbox"/>

[Table 1]

DC Current & Voltage	Minimum Span	Setting Range		
Voltage	100 mV	-1000.0 - 1000.0 mV		
	1 V	-10.000 - 10.000 V		
Current	2 mA	0 - 20.000 mA		
Resistor, Potentiometer	Minimum Span	Setting Range		
Resistor	25Ω	0 - 4000.0Ω		
Potentiometer	N/A	N/A		
Thermocouple	Minimum Span (°C)	Setting Range (°C)	Minimum Span (°F)	Setting Range (°F)
K (CA)	50	-180.0 - +1372.0	90	-292.0 - +2501.0
E (CRC)	50	-100.0 - +1000.0	90	-148.0 - +1832.0
J (IC)	50	-100.0 - +1200.0	90	-148.0 - +2192.0
T (CC)	50	-200.0 - +400.0	90	-328.0 - +752.0
B (RH)	100	400.0 - 1820.0	180	752.0 - 3308.0
R	100	-50.0 - +1760.0	180	-58.0 - +3200.0
S	100	-50.0 - +1760.0	180	-58.0 - +3200.0
C (WRe 5-26)	100	0 - 2300.0	180	32.0 - 4172.0
D (WRe 3-25)	100	0 - 2300.0	180	32.0 - 4172.0
N	50	-180.0 - +1300.0	90	-292.0 - +2372.0
U	50	-200.0 - +600.0	90	-328.0 - +1112.0
L	50	-100.0 - +900.0	90	-148.0 - +1652.0
RTD	Minimum Span (°C)	Setting Range (°C)	Minimum Span (°F)	Setting Range (°F)
Pt 100 (JIS'97, IEC)	10	-200.0 - +850.0	18	-328.0 - +1562.0
Pt 500	10	-200.0 - +850.0	18	-328.0 - +1562.0
Pt 1000	10	-200.0 - +850.0	18	-328.0 - +1562.0
JPt 100 (JIS'89)	10	-200.0 - +510.0	18	-328.0 - +950.0

[Table 2]

Output Range	Minimum Span	Setting Range
Current output	1 mA	0 - 23.000 mA DC
Voltage output	500 mV	-5.750 - +5.750 V DC-
	1 V	11.500 - +11.500 V DC