

ORDERING INFORMATION

MODEL : M6xXT

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
BURNOUT	Upscale Downscale None	Mark <input type="checkbox"/> with <input checked="" type="checkbox"/> if necessary.	<input type="checkbox"/> Upscale <input type="checkbox"/> Downscale <input type="checkbox"/> None	Upscale	<input type="checkbox"/>
COLD JUNCTION COMPENSATION	Incorporated CJC sensor fixed terminal temperature (-50 to +100°C, -58 to +212°F)	Mark <input type="checkbox"/> with <input checked="" type="checkbox"/> if necessary. Specify the value for fixed terminal temperature.	<input type="checkbox"/> Incorporated CJC sensor <input type="checkbox"/> Fixed terminal temperature ()	Incorporated CJC sensor	<input type="checkbox"/>
RESPONSE CHARACTERISTICS	High sensitivity Standard	Mark <input type="checkbox"/> with <input checked="" type="checkbox"/> if necessary	<input type="checkbox"/> High sensitivity <input type="checkbox"/> Standard	Standard	<input type="checkbox"/>
FILTER TIME CONSTANT	0 (No Filter) 0.5 to 30 sec.	Specify the value		0 (No Filter)	<input type="checkbox"/>

■ LINEARIZATION (Specified thermocouple)

ITEM	AVAILABLE VALUE		SET VALUE	DEFAULT VALUE	Factory Internal check
Custom TC start	Lower limit of the emf table to 1000°C (1832°F)	Specify the value		—	<input type="checkbox"/>
Custom TC step	1 to 50°C (1.8 to 90°F)	Specify the value		—	<input type="checkbox"/>
Custom TC points	2 to 300	Specify the value		—	<input type="checkbox"/>
Custom emf table	-1000 to +1000 mV	—	Attach the emf table to this ordering information sheet.	—	<input type="checkbox"/>

TERMINOLOGY

- **COLD JUNCTION COMPENSATION & FIXED TERMINAL TEMPERATURE**

When "Incorporated CJC sensor" is selected, terminal temperature is measured with the sensor and the T/C signal is compensated with it.

When "Fixed terminal temperature" is selected, the T/C signal is compensated with the fixed specified temperature.

- **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.