

# ORDERING INFORMATION

# Model : M5XREB

## PLEASE FILL IN THIS SECTION



|         |
|---------|
| Model   |
| Company |
| Name    |
| P/O No. |

## FACTORY USE ONLY



|            |                               |
|------------|-------------------------------|
| Job No.    | Approved by<br>(Sales office) |
| Ser No.    | Issued by<br>(Sales office)   |
| Sales Rep. | Approved by<br>(Factory)      |
|            | Issued by<br>(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<br>INTERNAL<br>CHECK |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------------------|------------------------------|
| Input range            | <input type="checkbox"/> 0 to 50 mA DC<br><input type="checkbox"/> -1000 to +1000 mV DC<br><input type="checkbox"/> -10 to +10 V DC | 0 to 50 mA DC                         |                                               | <input type="checkbox"/>     |
| 0 % input setting      |                                                                                                                                     | 4.0000 mA<br>0.00 mV<br>0.0000 V      | Specify within settable range in the table 1. | <input type="checkbox"/>     |
| 100 % input setting    |                                                                                                                                     | 20.0000 mA<br>1000.00 mV<br>10.0000 V |                                               |                              |
| Filter time constant*1 |                                                                                                                                     | 0.0 sec.                              | Specify the range between 0.0 and 30.0 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:  $\leq 0.5$  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 %.

### ■ CHARACTERISTICS SETTING

| ITEM  | SET VALUE | DEFAULT VALUE | COMMENTS                                                       | FACTORY<br>INTERNAL<br>CHECK |
|-------|-----------|---------------|----------------------------------------------------------------|------------------------------|
| Ratio |           | 1.00          | Specify between the range of -4.00 to -0.10 or +0.10 to +4.00. | <input type="checkbox"/>     |
| Bias  |           | 0 (%)         | Specify between the range of -100 to +100.                     | <input type="checkbox"/>     |

### ■ OUTPUT SETTING

| ITEM                 | SET VALUE                                                                                                                    | DEFAULT VALUE | COMMENTS                                      | FACTORY<br>INTERNAL<br>CHECK |
|----------------------|------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------------------------------------|------------------------------|
| Output range         | <input type="checkbox"/> 0 to 20 mA DC<br><input type="checkbox"/> -5 to +5 V DC<br><input type="checkbox"/> -10 to +10 V DC | 0 to 20 mA DC |                                               | <input type="checkbox"/>     |
| 0 % output setting   |                                                                                                                              | 4.0000mA      | Specify within settable range in the table 2. | <input type="checkbox"/>     |
| 100 % output setting |                                                                                                                              | 20.0000mA     |                                               | <input type="checkbox"/>     |
| 0 % output limit     |                                                                                                                              | 3.8 mA        |                                               | <input type="checkbox"/>     |
| 100 % output limit   |                                                                                                                              | 20.5 mA       |                                               | <input type="checkbox"/>     |

[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 +5.7500V DC   |
|                | 1 V          | 11.5000 to +11.5000 V DC |