

## MODEL

MR - 400C

## 4 CH ISOLATION SIGNAL DISTRIBUTOR



### FEATURES

Small size(mm) : 135(H), 61(W), 162(D).  
Isolation : Input to Output to Power  
Power supply : AC or DC supply.  
Housing material : aluminum (black)  
Weight : about 900g

### INPUT SIGNAL

DC Current / Voltage.  
Potentiometer  
RTD (JPT,DPT, CU, NI) Sensor.

### OUTPUT SIGNAL

DC Current / DC Voltage

### GENERAL SPECIFICATION

Zero adjustment :  $-10 \sim +10 \%$   
Span adjustment :  $90 \sim 110 \%$   
Power regulation : rating  $\pm 10 \%$   
Operating temperature :  $-5 \sim 55^\circ\text{C}$   
Operating humidity :  $30 \sim 90 \%$  RH  
Accuracy :  $\pm 0.15\%$   
Insulation resistance : greater than 100Mohm with 500V/DC  
Dielectric strength : 1500VAC @ 1 Min (input/output/power)  
Construction : rear pannel mount  
Mounting : screw mount  
Response time :  $0 \sim 90\%/0.5\text{sec}$

This is a converter used to transfer or convert four DC signals of the DC signals, RTD sensor, POTENTIOMETER, etc, as input signal source.

This product is featured to interrupt excessively input with arrester function equipped with input circuits, and stability of signal transmitted to instruments at the rear as well as protection of product.

본 변환기는 직류신호, RTD SENSOR, 가변저항등을 입력원으로 하여, 4개의 직류신호를 출력하는 목적으로 사용되는 변환기입니다.

### MODEL & SPECIFICATION CODE

MR - 400C

#### MODEL

#### INPUT TYPE

- 1 : DC CURRENT
- 2 : DC VOLTAGE
- 3 : AC CURRENT
- 4 : AC VOLTAGE
- 5 : POTENTIOMETER
- 6 : PT 100 ohm
- 7 : THERMOCOUPLE (R,K,E,F,T)
- 8 : FREQUENCY
- 9 : OTHER SPEC.

#### INPUT RANGE

- A : 4-20mADC K : 0 - 50 °C
- B : 0-20mADC L : 0 - 100 °C
- C : 1 - 5 VDC M : 0 - 150 °C
- D : 0 - 5 VDC N : 0 - 300 °C
- E : 0 - 10VDC O : 0 - 1200 °C
- F : 0 - 1AAC P : 0 - 1600 °C
- G : 0 - 5AAC Q : 0 - 100 Hz
- H : 0-110VAC R : 0 - 1 KHz
- I : 0-220VAC S : 0 - 10KHz
- J : 0-380VAC T : OTHER

#### OUTPUT1

- 1 : 4 - 20mADC
- 2 : 0 - 20mADC
- 3 : 1 - 5 VDC
- 4 : 0 - 10 VDC
- 5 : OTHER

#### OUTPUT2

- 1 : 4 - 20mADC
- 2 : 0 - 20mADC
- 3 : 1 - 5 VDC
- 4 : 0 - 10 VDC
- 5 : OTHER

#### OUTPUT3

- 1 : 4 - 20mADC
- 2 : 0 - 20mADC
- 3 : 1 - 5 VDC
- 4 : 0 - 10 VDC
- 5 : OTHER

#### OUTPUT4

- 1 : 4 - 20mADC
- 2 : 0 - 20mADC
- 3 : 1 - 5 VDC
- 4 : 0 - 10 VDC
- 5 : OTHER

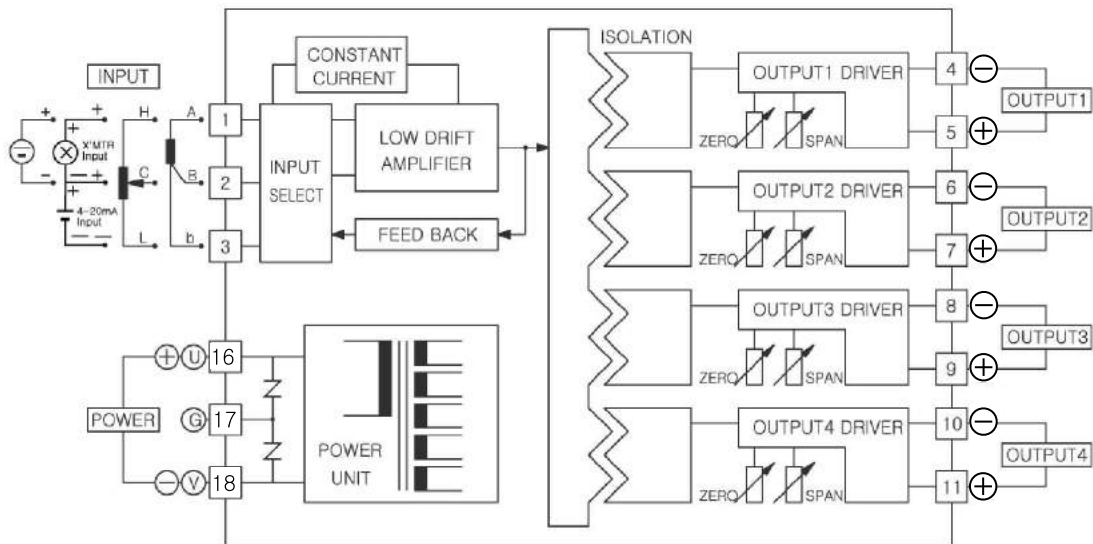
#### POWER

- 1 : 110VAC / 50Hz, 60Hz
- 2 : 220VAC / 50Hz, 60Hz
- 3 : DC24V (Option)

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### ■ BLOCK DIAGRAM & PIN CONNECTION



### ■ EXTERNAL DIMENSION

