

## ◆ FEATURES

- 사용자의 선택에 따라 입력형태(10종)를 자유롭게 변경하여 사용이 가능.
- 고성능, 고정도의 16bit A/D CONVERTER 사용.
- Peak Hold 기능을 내장.

## MODEL MC-1-

### INPUT (MULTI)

T/C-K, R, E, J, T  
mA, mV, V  
PT 100Ω (DIN)  
PT 100Ω (JIS)

### OUTPUT(1CH)

1. DC 4 ~ 20mA
2. DC 0 ~ 10V
3. OTHER

### OUTPUT(2CH)

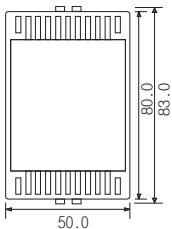
0. NONE
1. DC 4 ~ 20mA
2. DC 0 ~ 10V
3. OTHER

### POWER

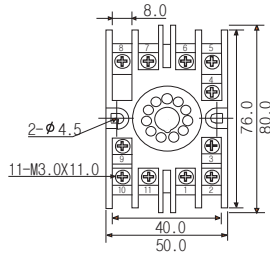
1. AC 110/220 50/60HZ
2. DC 24V (OPTION)

## DIMENSION(외형 및 취부방법)

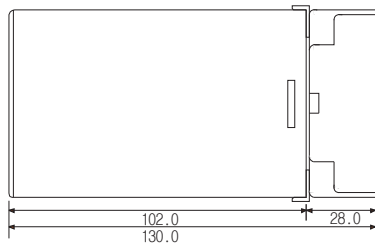
### ◆ FRONT VIEW



### ◆ PANEL CUTTING

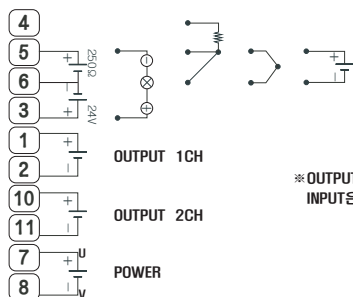


### ◆ SIDE VIEW



## TERMINAL CONNECTION

INPUT TYPE ▶ mA 4~20mA 2WIRE RTD T/C mV.V



\* OUTPUT 단자는 공통이며, INPUT은 TYPE별로 결선합니다.



## SPECIFICATIONS(제품사양)

| ITEM                                 | SPECIFICATIONS                                                          |                        |
|--------------------------------------|-------------------------------------------------------------------------|------------------------|
| INPUT 종류                             | T/C(K,R,E,J,T TYPE), mA, mV, V<br>PT 100Ω (DIN), JPT 100Ω (JIS)         |                        |
| SCALING                              | mA, mV, V                                                               | -9999 ~ 9999           |
|                                      | PT 100Ω                                                                 | -200.0 ~ 800.0         |
|                                      | T/C-K                                                                   | -200 ~ 1350            |
|                                      | T/C-R                                                                   | 0 ~ 1750               |
|                                      | T/C-E                                                                   | -200.0 ~ 700.0         |
|                                      | T/C-J                                                                   | -200.0 ~ 700.0         |
|                                      | T/C-T                                                                   | -200.0 ~ 400.0         |
| DISPLAY                              | 4DIGIT (RED or GREEN)/0.36inch                                          |                        |
| ACCURACY                             | High value of ±0.2% Full Scale                                          |                        |
| INPUT MEASURING CYCLE (BURN OUT OFF) | mA,mV,V                                                                 | 200mS                  |
|                                      | T/C, RTD                                                                | 400mS                  |
| INPUT RESISTANCE                     | VOLT                                                                    | 400kΩ                  |
|                                      | mA                                                                      | 250Ω/±0.1 25ppm 저항     |
|                                      | OTHER                                                                   | 1MΩ or More            |
| MAXIMUM SIGNAL RESISTANCE            | VOLT                                                                    | 300Ω or Less/Line      |
|                                      | OTHER                                                                   | 1kΩ or Less/Line       |
| RTD MAXIMUM LEAD RESISTANCE          | 30Ω or Less/Line                                                        |                        |
| SENSOR POWER                         | DC 24V/30mA ±0.5% 이내                                                    |                        |
| CMRR                                 | 140dB or More                                                           |                        |
| NMRR                                 | 50dB or More                                                            |                        |
| PEAK-HOLD FUNCTION                   | HOLDING SAMPLE RATE 10times/sec<br>DIGITAL DISPLAY : Max. value display |                        |
| POWER SUPPLY                         | 4VA AC 110/220V (50/60Hz)<br>DC 24V ±6V (OPTION)                        |                        |
| INSULATION RESISTANCE                | FG-INPUT                                                                | 100MΩ or More(500V AC) |
|                                      | FG-POWER                                                                | 100MΩ or More(500V AC) |
|                                      | POWER-INPUT                                                             | 100MΩ or More(500V AC) |
| AMBIENT TEMPER HUMIDITY              | OPERATION -10~60℃ / 10~90%                                              |                        |
| WEIGHT                               | APPROX. 500g                                                            |                        |
| HOUSING MATERIAL                     | ABS plastic(black)                                                      |                        |
| INSTALLATION                         | PLUG - IN TYPE                                                          |                        |