

# MULTI INDICATOR TI-1000 SERIES

### ◆ FEATURES

- 사용자의 선택에 따라 입력형태(10종)을 자유롭게 변경하여 사용이 가능.
- 고성능, 고정도의 16bit A/D CONVERTER 사용.
- Peak Hold 기능을 내장.
- 경보출력 : 2ALARM, 4ALARM (개별적으로 상,하한 설정가능)
- OUTPUT: ISOLATION mA, V
- RS 485 COMMUNICATION(ModBus)

## MODEL TI-1000 - [ ] [ ] [ ] [ ]

### INPUT (MULTI)

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

### ALARM

0. NONE    1. 2ALARM    2. 4ALARM

### OUTPUT(1CH)

0. NONE  
A. DC 4~20mA    B. DC 0~20mA    C. DC 0~1mA  
1. DC 1~5V    2. DC 0~100mV    3. DC 0~1V  
4. DC 0~5V    5. DC 0~10V    6. OTHER

### OUTPUT(2CH)

0. NONE  
A. DC 4~20mA    B. DC 0~20mA    C. DC 0~1mA  
1. DC 1~5V    2. DC 0~100mV    3. DC 0~1V  
4. DC 0~5V    5. DC 0~10V    6. OTHER  
7. RS 485(ModBus)

### POWER

1. AC 85~264V 50/60Hz  
2. DC 24V (OPTION)

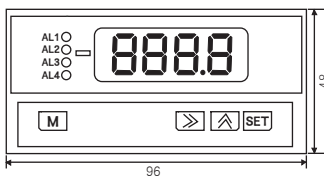


### SPECIFICATIONS(제품사양)

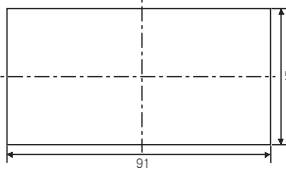
ITEM	SPECIFICATIONS
INPUT 종류	T/C(K,R,S,B,J,E,T,N type), mA, mV, V PT 100Ω (DIN), PT 100Ω (JIS)
SCALING	mA, mV, V    -9999 ~ 9999(Free scale)
	DPT 100Ω    -199.9 ~ 800.0℃
	JPT 100Ω    -199.9 ~ 500.0℃
	T/C-K    -250 ~ 1350℃
	T/C-R    0 ~ 1750℃
	T/C-S    0 ~ 1750℃
	T/C-B    0 ~ 1800℃
	T/C-J    -199.9 ~ 800.0℃
	T/C-E    -199.9 ~ 700.0℃
	T/C-T    -199.9 ~ 400.0℃
T/C-N    -250 ~ 1350℃	
통신, 속도(ModBus)	RS 485(4800, 9600, 19200, 38400, 56700) Protocol : ModBus 1.1 RTU
DISPLAY	4DIGIT (RED color)/0.56inch
ACCURACY	High value of ±0.2% Full Scale
INPUT MEASURING CYCLE (BURN OUT OFF)	mA,mV,V    50mS
	T/C, RTD    100mS
INPUT RESISTANCE	VOLT    1MΩ
	mA    250Ω / ±0.1 25ppm 저항
	OTHER    100kΩ 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/40mA ±0.5% 이내
CMRR	140dB or More
NMRR	50dB or More
PEAK-HOLD FUNCTION	HOLDING SAMPLE RATE 10times/sec DIGITAL DISPLAY : Max. value display
ALARM 출력	점점출력 상태    Normal open
	Max, switching power    750 VA, 90W
	Max, switching voltage    250V AC, 110V DC
	Max, switching current    5A
	Max, switching capacity    3A DC, AC
POWER SUPPLY	AC 85~264V (50/60Hz) 10VA이하 DC 24V ±10%, 200mA, 5VA이하(OPTION)
INSULATION RESISTANCE	FG-INPUT    100MΩ or More(1500V AC)
	FG-POWER    100MΩ or More(1500V AC)
	POWER-INPUT    100MΩ or More(1500V AC)
AMBIENT TEMPER HUMIDITY	OPERATION    -10~60℃ / 10~90%
WEIGHT	APPROX. 380g
HOUSING MATERIAL	ABS plastic(black)
DIMENSION	96(W) × 48(H) × 112(D)mm
INSTALLATION	PANEL MOUNTING TYPE

### DIMENSION(외형 및 취부방법)

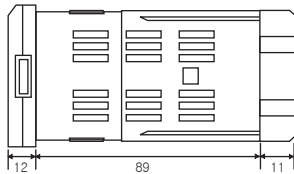
#### ◆ FRONT VIEW



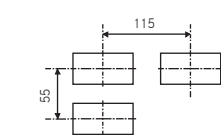
#### ◆ PANEL CUTTING



#### ◆ SIDE VIEW



#### ◆ 취부 방법



### TERMINAL CONNECTION

