



MULTI INDICATOR

SJ-100 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 SJ-100 -

INPUT (MULTI)

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

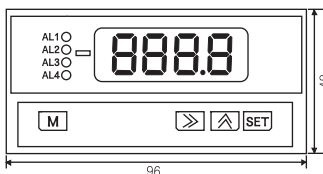


SPECIFICATIONS(제품사양)

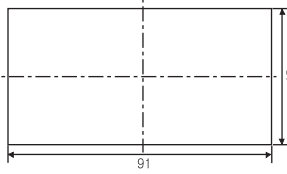
ITEM	SPECIFICATIONS	
INPUT 종류	T/C(K,R,S,B,J,E,T,N type), mA, mV, V PT 100Q (DIN), PT 100Q (JIS)	
SCALING	mA, mV, V	-9999 ~ 9999(Free scale)
	DPT 100Q	-199.9 ~ 800.0℃
	JPT 100Q	-199.9 ~ 500.0℃
	T/C-K	-250 ~ 1350℃
	T/C-R	0 ~ 1750℃
	T/C-S	0 ~ 1750℃
	T/C-B	0 ~ 1800℃
	T/C-J	-199.9 ~ 800.0℃
	T/C-E	-199.9 ~ 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 $\pm 0.2\%$ Full Scale	
INPUT MEASURING CYCLE (BURN OUT OFF)	mA,mV,V	50mS
	T/C, RTD	100mS
INPUT RESISTANCE	VOLT	1M Ω
	mA	250Q / ± 0.1 25ppm 저항
	OTHER	100k Ω or More
MAXIMUM SIGNAL RESISTANCE	VOLT	300Q or Less/Line
	OTHER	1k Ω or Less/Line
RTD MAXIMUM LEAD RESISTANCE	30Q or Less/Line	
SENSOR POWER	DC 24V/40mA $\pm 0.5\%$ 이내	
CMRR	140dB or More	
NMRR	50dB or More	
PEAK-HOLD FUNCTION	HOLDING SAMPLE RATE 10times/sec	
	DIGITAL DISPLAY : Max. value display	
ALARM 출력	접점출력 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 $\pm 10\%$, 200mA, 5VA이하(OPTION)	
INSULATION RESISTANCE	FG-INPUT	100M Ω or More(1500V AC)
	FG-POWER	100M Ω or More(1500V AC)
	POWER-INPUT	100M Ω or More(1500V AC)
AMBIENT TEMPER HUMIDITY	OPERATION -10~60℃ / 10~90%	
WEIGHT	APPROX. 380g	
HOUSING MATERIAL	ABS plastic(black)	
DIMENSION	96(W) x 48(H) x 112(D)mm	
INSTALLATION	PANEL MOUNTING TYPE	

DIMENSION(외형 및 취부방법)

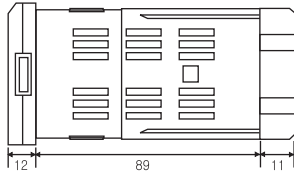
◆ FRONT VIEW



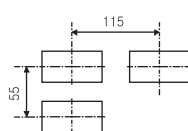
◆ PANEL CUTTING



◆ SIDE VIEW



◆ 취부 방법



TERMINAL CONNECTION

