HD-TCC
본 제품은 Thermocouple 온도센서를 입력으로하여 절연된 DC Signal로 변환하여 출력하는 Converter입니다.

GENERAL SPECIFICATION

Construction	: Plug-In
Wiring	: M3.5 Screw Terminals
Housing	: Plastic(Black)
Isolation	: Power to Input to Output 1 to Output 2
Front Adjustment	: Zero and Span ±15%

INPUT

Input	: Thermocouple
Impedance	: 30kΩ
Minimum Span	: 3mV
Cold junction Temp' range	: 0 ~ 50℃

OUTPUT

DC VOLTAGE : ±12V Max
Load Resistance : Output drive 1mA Max. AT≥0.5V

output	Load Resistance
0 ~ 10mV	1KΩ Min
0 ~ 100mV	100Ω Min
0 ~ 1V	1KΩ Min
0 ~ 5V	5KΩ Min
0 ~ 10V	10KΩ Min
-10 ~ 10V	10KΩ Min
1 ~ 5V	5KΩ Min

DC CURRENT : 0 ~ 20mA
Load Resistance : Output drive 15V Max

output	Load Resistance
0 ~ 1mA	15KΩ Max
0 ~ 10mA	1.5KΩ Max
0 ~ 20mA	750Ω Max
1 ~ 5mA	3KΩ Max
4 ~ 20mA	750Ω Max

INSTALLATION

Operating Temperature	: -10 ~ 65℃
Operating Humidity	: 90% RH Max(non-condensing)
Mounting	: Wall or DIN rail
Power Unit	

- AC : Rating ±10%, approx. 3VA
- DC : Rating ±10%(ripple 10% p-p Max), approx.2w

PERFORMANCE

Accuracy	: ±0.2% F.S
Temp. coefficient	: ±0.02%/℃
Response time	: ≤0.4sec(0 ~ 90%)
Insulation resistance	: ≥100MΩ with 500VDC
Dielectric strength	: 2000VAC @ 1minute (Input to Output to Power to Ground)
Burn out response	: ≤10sec
Burn out protection	: Upscalestandard (Down scale or no burn out option)

ORDERING CODE SELECTION

MODEL :HD-TCC□□□□□

PIN CONNECTION
A : 8 PIN B : 11 PIN

INPUT
1: K (CA)
2: J (IC)
3: R
4: T (CC)
5: E (CRC)
0: Other Spec

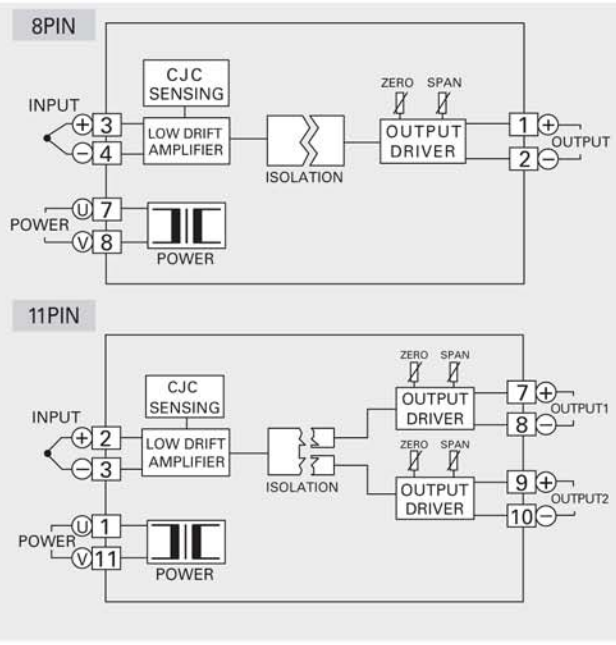
OUTPUT 1

VOLTAGE	CURRENT
1 : 0 ~ 10mV DC	A : 0 ~ 1mA DC
2 : 0 ~ 100mV DC	B : 0 ~ 10mA DC
3 : 0 ~ 1V DC	C : 0 ~ 20mA DC
4 : 0 ~ 5V DC	D : 1 ~ 5mA DC
5 : 0 ~ 10V DC	E : 4 ~ 20mA DC
6 : -10 ~ 10V DC	S : Other Current
7 : 1 ~ 5V DC	
0 : Other Voltage	

OUTPUT 2
S : Same Range availability as OUTPUT 1
N : None

POWER
X : AC110V/60Hz
Y : AC220V/60Hz
Z : DC 24V S : Other Power

CONNECTION DIAGRAM



※주의※ 제품의 성능 향상을 위하여 제품내용및사양은 통보없이 변경될 수 있습니다.