Semi Multi Slim Thermocouple Signal Converter SCONI-SI-200T

CE

☐ Features

SCONI-SI-200T series Semi Multi Slim Thermocouple Signal Converter can receive signals from thermocouple. Reliability is guaranteed by adopting 16 Bit A/D converter of high performance and accuracy. Dual outputs of current or voltage can be installed.

☐ General Specifications

items	Specifications
Input Resistance	mV Type : 1㏁
Sensor Power	DC 10V/80mA ± 0.5% or less
Response Time	200ms (T/C, mV)
Allowable Tolerance	0.2% of Span at 23℃
Linearity	0.1% of Span
Load Resistance	0~10V DC (4㏀ or more)
	4~20mA DC (0 ~ 600Ω)
Insulation Resistance	More than 100MΩ at DC 1000V between input and output
Withstand Voltage	AC 1500V/min between Input, Output and Power Supply
Power Supply	AC 85~264V, 50/60Hz 3VA
	DC 24V ±10% 100mA
Ambient Temperature	-10 ~ 60℃
Ambient Humidity	10 ~ 90%
Weight	Appr. 180g
Material / Color	Non-Flammable ABS / Black
Dimensions	W28.5 x H90 x D103 (mm)
Mounting Type	Wall or DIN Rail

☐ Order Information

SCONI - SI - 200T - ☐ ☐ ☐ ☐

☐ Input Signals

1	B Type (PR)
2	R Type (RR)
3	S Type (PR)
4	K Type (CA)
5	E Type (CRC)
6	J Type (IC)
7	T Type (CC)
8	N Type (NN)
Requested to specify the temperature range when ordering	

☐ Output-1 Signals

1	DC 0 ~ 5V
2	DC 0 ~ 10V
3	DC 1 ~ 5V
4	DC 0 ~ 20mA
5	DC 4 ~ 20mA
R	Other

☐ Output-2 Signals

1	DC 0 ~ 5V
2	DC 0 ~ 10V
3	DC 1 ~ 5V
4	DC 0 ~ 20mA
5	DC 4 ~ 20mA
R	Other
N	Not used

☐ Power Supply

X	AC 85~264V
Y	DC 24V(Option)

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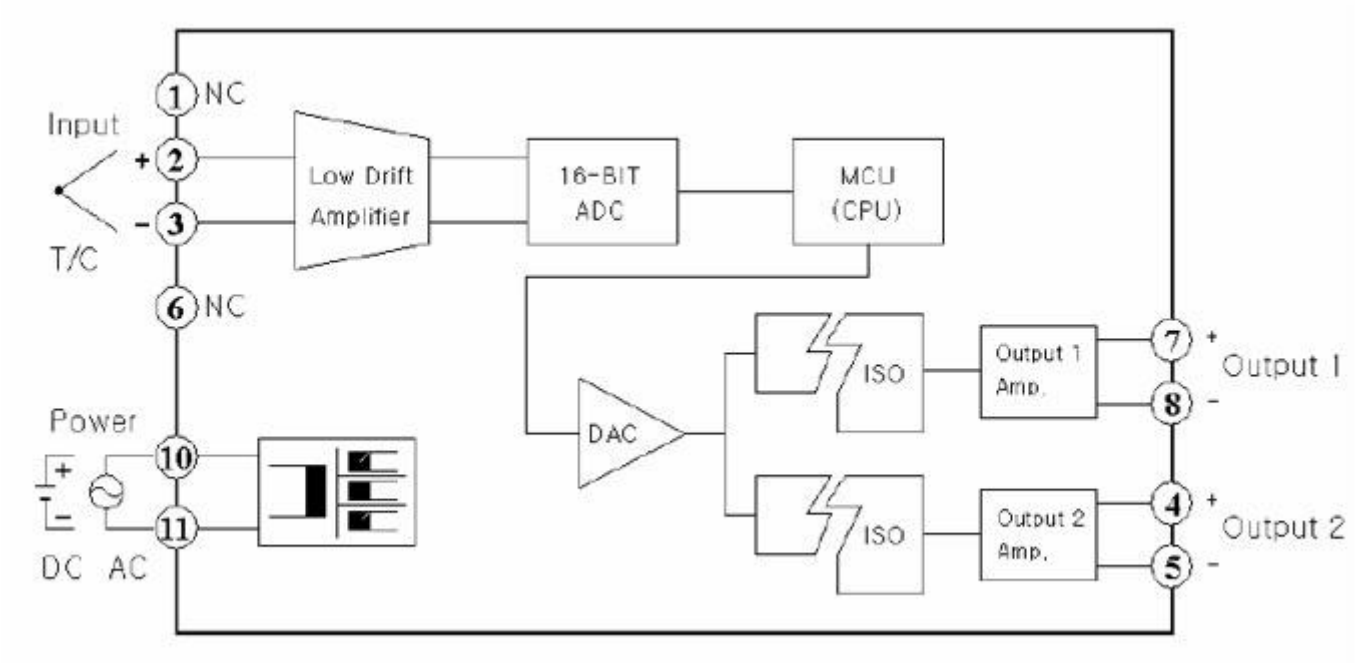
☐ Input Specifications

Input	Specifications	Input	Specifications
B (PR)	0 ~ 1800℃	E (CRC)	-199.9 ~ 700℃
R (RR)	0 ~ 1750℃	J (IC)	-199.9 ~ 800℃
S (PR)	0 ~ 1750℃	T (CC)	-199.9 ~ 400℃
K (CA)	-250 ~ 1350℃	N (NN)	-250 ~ 1350℃

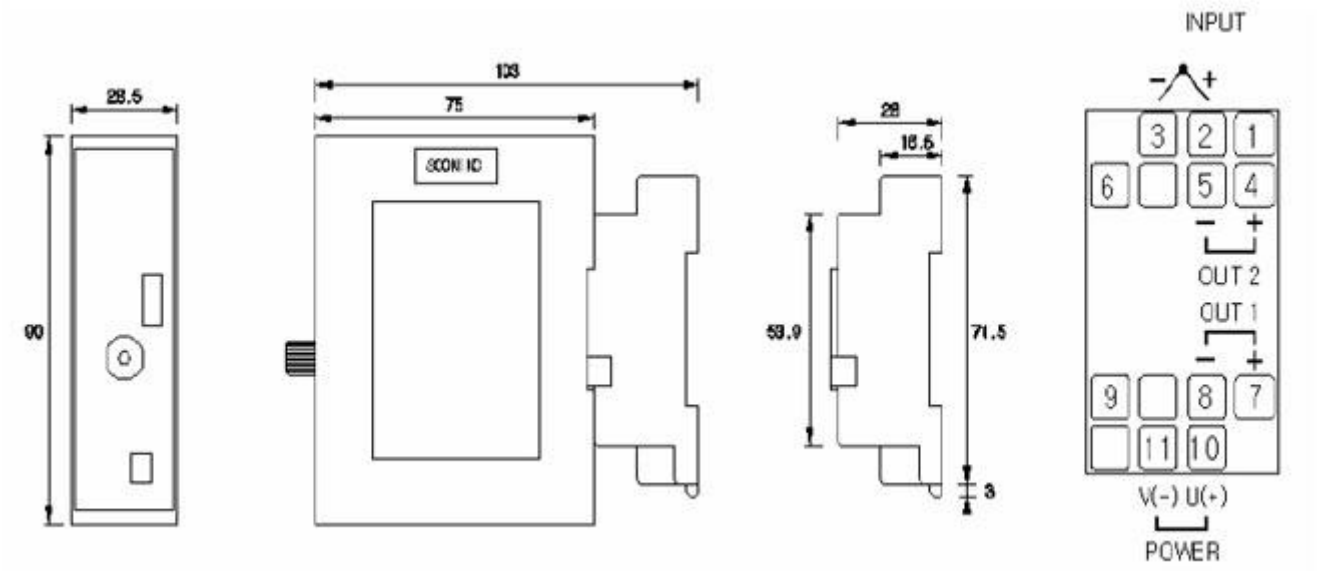
☐ Output Specifications

Output	Load Resistance	Impedance
0 ~ 5V	2kΩ or more	0.1Ω or less
0 ~ 10V	4kΩ or more	
0 ~ 1mA	0 ~ 10kΩ	5MΩ or more
4 ~ 20mA	0 ~ 600Ω	

☐ Block Diagram



☐ Dimensions and Terminal Connection



Samcheondong 1Ga 651-2 Wansangu Jeonjusi Jeonbuk 560-807 KOREA
Tel : +82-63-228-0560 Fax : +82-63-228-0561 E-mail : akorm@akorm.com