



## Order information

SCONI - 2200 - -

### Input signal

B Group	Volt ,T/C
	mV, LCT

### Output signal

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

### Output signal

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

### Power supply

X	AC 110V/220V
Y	DC 24V

## Features

- It can be accepts various input signal such as Volt, T/C, mV and LCT.
- It is improved reliability by use of high resolution 16 bit A/D converter.
- It has burnout function which displays and outputs maximum value when sensor is open.
- It can be install 2 isolated outputs and can be Scale respectively.
- It can be apply load cell sensor and it is possible to change of input in the field.

## Input type

Type		Range	Display
TC	R(PR13%)	0 ~ 1750	TC- R
	K(CA)	-200 ~ 1350	TC- K
	E(CRC)	-199.9 ~ 700.0	TC- E
	J(IC)	-199.9 ~ 800.0	TC- J
	T(CC)	-199.9 ~ 400.0	TC- T
Volt	Volt	-10 ~ 10V	V
LCT	mV	-100 ~ 100 mV	MV

It is possible to change of Volt/mV(T/C) selection by internal switch

■ General specification

Item	Specification
Input Resistance	Volt Type : 400kΩ, mA Type : 250Ω
	Other type : 1M
Sensor Power	DC 10V/30mA ± 0.5%
Response Time	400ms
Tolerance	0.2% of Span at 23
Linearity	0.1% of Span
Load Resistance	4~20mA DC(0 ~ 600Ω)
	0~10V DC(1kΩ or more)
Isolation	Input/Output More than 100M (DC500V)
Dielectric Strength	Input/Output/Power AC 1500V/min
Power Supply	AC 110/220V ±10%(50/60Hz) 4VA
	DC 24V ±10%, More than 100mA
Operating Temperature	-10 ~ 60
Operating Humidity	10 ~ 90%
Weight	Approx 500gr(AC), 300gr(DC)
Material/Color	ABS Resin / Black
Dimension	W 48 x H 80 x D 102 (mm)
Mounting	Wall or DIN Rail

■ Main functions

● Display scaling function(mV, Volt, mA Only)

It changes and set up display value(PV) as scale and Input range.

● Sensor compensation function

This function is able to add or subtract compensation value when change of zero point as long time use of sensor or occurrence of error as long sensor line.

● Function(mV, Volt, mA Type)

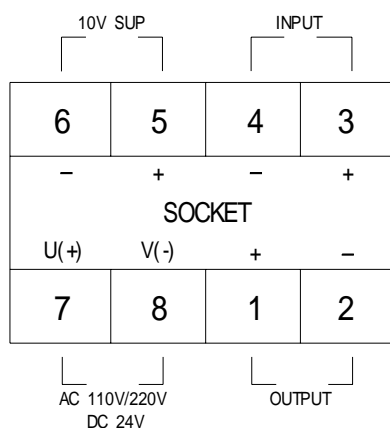
**LIN** It transfers input value to output without any operation. It is used to input process where requires linearity and general measurement.

● Output scaling function

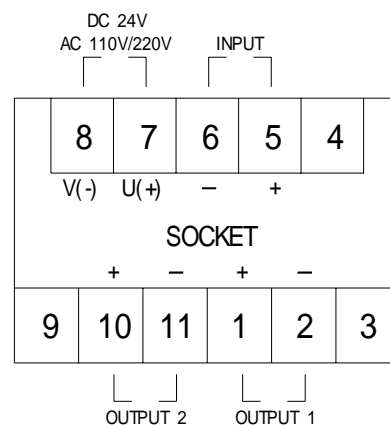
This function changes output of current and voltage as change of output scale. It is possible to scale respectively when it has 2 outputs.

■ Terminal connection

1 Output



2 Output



\*10 V SUP for load cell