



Order information

SCONI - RTD -

Input signal

A	-50~+50	JIS.
B	0~50	JIS.
C	0~100	JIS.
D	0~200	JIS.
E	0~300	JIS.
F	0~400	JIS.
G	-50~+50	DIN.
H	0~50	DIN.
I	0~100	DIN.
J	0~200	DIN.
K	0~300	DIN.
L	0~400	DIN.
R	Other	

Output signal (1)

1	DC 0 ~ 50mV
2	DC 0 ~ 100mV
3	DC 0 ~ 5V
4	DC 0 ~ 10V
5	DC 1 ~ 5V
6	DC 0 ~ 1mA
7	DC 0 ~ 20mA
8	DC 4 ~ 20mA
R	Other

Output signal (2)

1	DC 0 ~ 50mV
2	DC 0 ~ 100mV
3	DC 0 ~ 5V
4	DC 0 ~ 10V
5	DC 1 ~ 5V
6	DC 0 ~ 1mA
7	DC 0 ~ 20mA
8	DC 4 ~ 20mA
R	Other
N	Not used

Power Supply

X	AC 110V/220V
Y	DC 24V

General

This model converts resistance input of RTD temperature sensor into isolated DC signal.

General specification

Item	Specification
Input	PT 100Ω, JPT 100Ω
Output	Various DC current, DC voltage
Tolerance	± 0.2% Max.
Linearity	± 0.02% F.S
Response Time	Less than 0.5sec(0~90%)
Temperature Coefficient	± 0.015% /
Output adj Range	ZERO ± 20% SPAN ± 20% of F.S
Isolation	More than 100MΩ(DC 500V)
Dielectric Dielectric	Input/Output/Power, AC 1500V/min
Power Supply	AC 110/220V ±10% 50/60Hz 3VA
	DC 24V ±10%, Less than 100mA
Operating Temperature	0 ~ 55
Operating Humidity	20 ~ 80%
Weight	Approx 400gr(AC), 250gr(DC)
Material/Color	ABS Resin / Black
Dimension	W48 x H88 x D102 (mm)
Mounting	Wall or DIN Rail

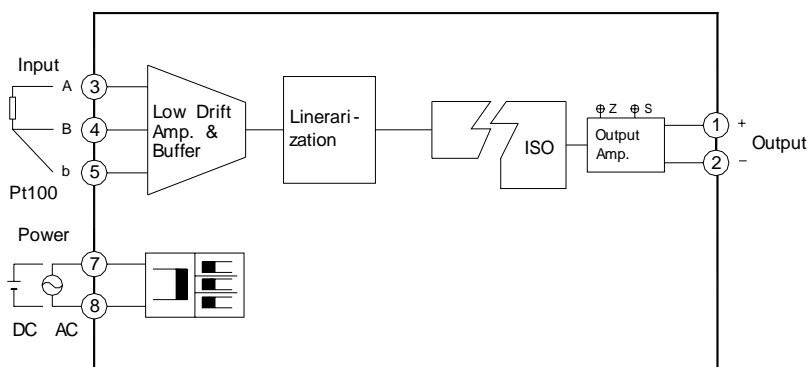
■ Input · Output specification

Input	Specification
Sensor Supply	DC 2mA
Pt 100Ω / JIS	-200 ~ 500
Pt 100Ω / DIN	-200 ~ 800
Pt 50Ω	-200 ~ 500

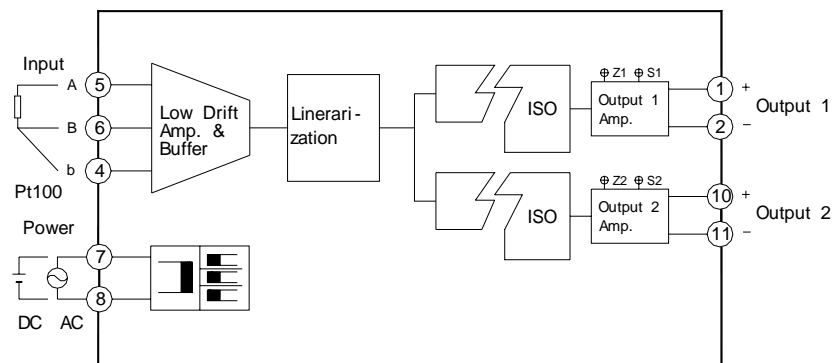
Output	Load Resistance	Impedance
0 ~ 100mV	1kΩ or more	100Ω or less
0 ~ 5V	2kΩ or more	0.1Ω or less
0 ~ 10V	4kΩ or more	
0 ~ 1mA	0 ~ 15kΩ	5MΩ or more
4 ~ 20mA	0 ~ 750Ω	

■ Block diagram

1 Output

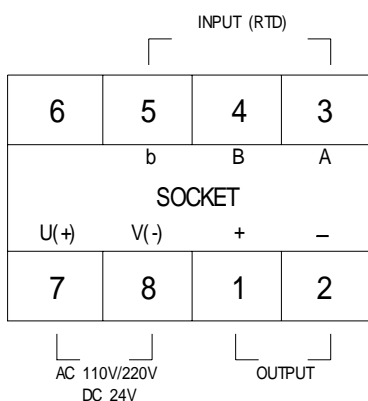


2 Output



■ Terminal connection

1 Output



2 Output

