



General

This model is a high resolution converter with completely isolated between input and output. Also, this model accepts 2 wire RTD temperature sensor input and outputs 4~20mA.

General specification

Item	Specification
Input	Various Thermo Couple
Output	DC 4~20mA
Tolerance	± 0.2% Max.
Linearity	± 0.02% F.S
Response Time	Less than 1sec(0~90%)
Temperature Coefficient	± 0.05% /
Output adj Range	ZERO ± 20% SPAN ± 20% of F.S
Isolation	More than 100MΩ(DC 500V)
Dielectric Strength	Input/Output/Power AC 1500V / min
Power Supply	DC 24V ±10%, Less than 100mA
Operating Temperature	0 ~ 55
Operating Humidity	20 ~ 80%
Weight	Main : Approx 250gr(DC) Terminal : Approx 70gr
Material/Color	ABS Resin / Black
Dimension	W48 x H88 x D102 (mm)
Mounting	Wall or DIN Rail

Order information

SCONI - RTD - A ☐ - ☐

Type

A	2 Wire
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Input signal

1	-50 ~ +50
2	0 ~ 50
3	0 ~ 100
4	0 ~ 200
5	0 ~ 300
6	0 ~ 400
7	Other

Power / Output

X	DC 18~30V (4~20mA)
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Input specification

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

Block diagram

