RTD TRANSMITTER (ISOLATED) S4T-RR

FEATURES

- Converting a RTD input into a standard process signal.
- Automatically eliminated for wire Resistance (3 wires connection).
- Isolation: Input to output to power.
- DIN rail type.

ORDERING INFORMATION

MODEL:S4T-RR- □□□□

Input RTD

P: Pt 100 0:Option
C: Cu 50

Input Temperature Range

A: -100 ~ 100℃ E: 0 ~ 50℃
B: -50 ~ 50℃ F: 0 ~ 100℃
C: -50 ~ 100℃ G: 0 ~ 200℃
D: -50 ~ 200℃ H: 0 ~ 400℃
0: Option

DC Output Range (Output Resistance)

V2: 0 ~ 5V (≧ 1KΩ)
V3: 1 ~ 5V (≧ 1KΩ)
V4: 0 ~ 10V (≧ 1KΩ)
A1: 0 ~ 1mA (0 ~ 10KΩ)
A2: 0 ~ 10mA (0 ~ 1.5KΩ)
A3: 0 ~ 20mA (0 ~ 750Ω)
A4: 4 ~ 20mA (0 ~ 750Ω)
00: Option

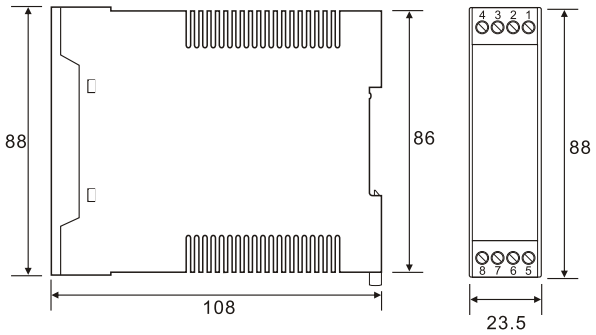
Power Supply

A: AC / DC 90 ~ 260V B: DC 20 ~ 60V
0: Option

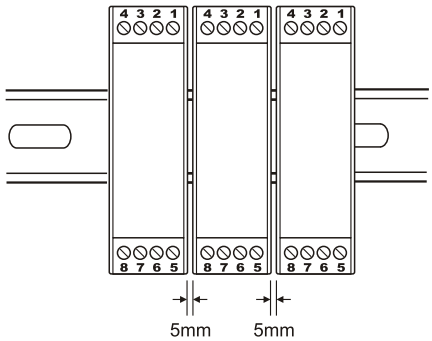
SPECIFICATION

Accuracy	± 0.1%RO.
Response time	≦ 400msec. 0 ~ 99%
Output ripple	≦ 0.5% RO. (Peak)
Power supply	AC / DC 90V ~ 260V, 50/60Hz DC 20V ~ 60V
Power consumption	at 240V, ≦ AC 6.5VA, ≦ DC 5W 110V, ≦ AC 4.5VA, ≦ DC 4W
Temperature coefficient	≦ 0.015%/℃
Operating temperature	- 5 ~ 50℃
Storage temperature	-10 ~ 30℃
Max. relative humidity	0 ~ 90%
Isolation	Input/Output/Power
Dielectric strength	AC 1.8KV/min.
Insulation resistance	≧ 100MΩ, DC 500V
Electrostatic discharge	IEC 61000-4-2.
Electromagnetic fields immunity	IEC 61000-4-3.
Electrical transient in burst	IEC 61000-4-4.
Withstanding impulse voltage	IEC 61000-4-5.
Immunity to voltage dips	IEC 61000-4-11.
Weight	Abt.140g

THE OUTSIDE DIMENSION (UNIT: mm)



DEMAND FOR MOUNTING (UNIT: mm)



SCHEMATIC CIRCUITRY & CONNECTION DIAGRAM