

# TWO-WIRE RTD TRANSMITTER (ISOLATED)

# S4T-2RR



## FEATURES

- Two-wire output for DC 4 ~ 20mA.
- Converting a RTD input into a standard process signal.
- Automatically eliminated for wire resistance (3 wires connection).
- Isolation: Input to output.
- DIN rail type.



## ORDERING INFORMATION

**MODEL: S4T-2RR- [ ] [ ] A4**

**Input RTD** \_\_\_\_\_

P: Pt 100                      0: Option  
C: Cu 50

**Input Temperature Range** \_\_\_\_\_

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

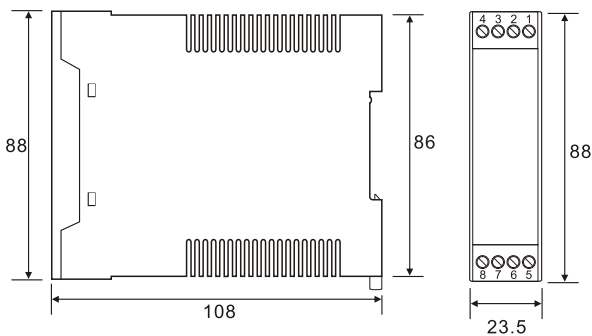
**DC Output Range (Output Resistance)** \_\_\_\_\_

A4: 4 ~ 20mA (600Ω Max. at 24V DC)  
Power supply for two wire output: DC 11 ~ 32V  
Output Resistance = (Supply Voltage - 11V) ÷ 0.02A

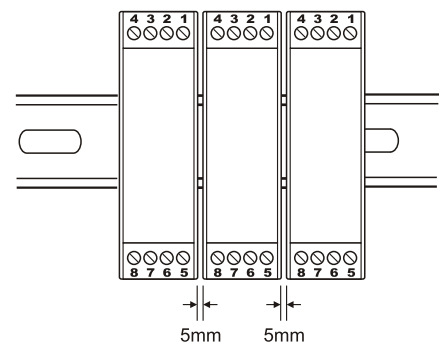
## SPECIFICATION

Accuracy .....	± 0.15%RO.
Response time .....	≤ 400msec. 0 ~ 99%
Output ripple .....	≤ 0.5% RO. (Peak)
Temperature coefficient .....	≤ 0.015%/°C
Operating temperature .....	- 5 ~ 50°C
Storage temperature .....	-10 ~ 70°C
Max. relative humidity .....	90%
Isolation .....	Input/Output
Dielectric strength .....	AC 1.5KV, Input/Output AC 1.8KV All Terminals/Ground
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.110g

## THE OUTSIDE DIMENSION (UNIT: mm)



## DEMAND FOR MOUNTING (UNIT: mm)



## SCHEMATIC CIRCUITRY & CONNECTION DIAGRAM

