TWO-WIRE RTD ISOLATED TRANSMITTER 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
C: Cu 50
0:Option

Input Temperature Range

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

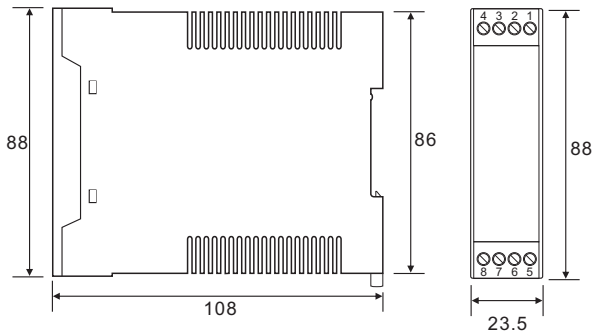
DC Output Range (Output Resistance)

A4: 4 ~20mA (550Ω Max. at 24V DC)
Power supply for two wire output: DC 12.8 ~ 32V
Output Resistance = (Supply Voltage - 12.8V)÷ 0.02A

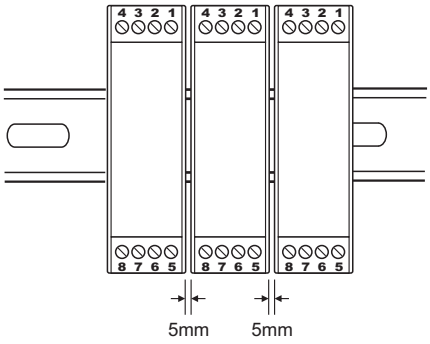
SPECIFICATION

Accuracy	± 0.2%RO.
Response time	≦ 400msec. 0 ~ 99%
Output ripple	≦ 0.5% RO. (Peak)
Temperature coefficient	≦150PPM/°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