POTENTIOMETER ISOLATED TRANSMITTER S4T-PT

FEATURES

- Converting a potentiometer or slidewire position input to a DC output.
- Isolation: Input to output to power.
- DIN rail type.

ORDERING INFORMATION

MODEL:S4T-PT-□□□

Input Potentiometer

1: 0-100% Total resistance 100Ω ~ 10KΩ
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

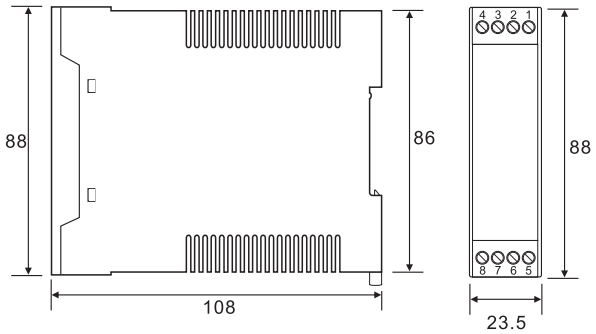
Power Supply

A: AC / DC 85 ~ 265V
B: DC 20 ~ 60V
0: Option

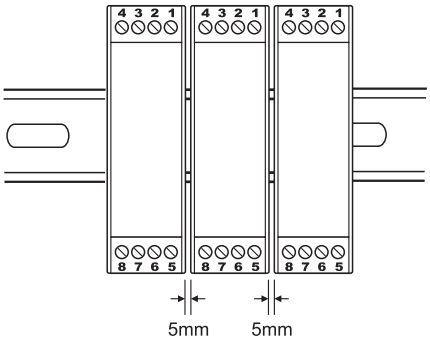
SPECIFICATION

Accuracy	± 0.1%RO.
Response time	≦ 400 msec. 0 ~ 99%
Output ripple	≦ 0.5% RO. (Peak)
Power supply	AC / DC 85V ~ 265V
	DC 20V ~ 60V
Power consumption	at 240V≦ AC 6VA ≦ DC 5W
	110V≦ AC 4VA ≦ DC 3W
Temperature coefficient	≦150PPM/°C
Operating temperature	- 5 ~ 50°C
Storage temperature	-10 ~ 70°C
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