SIGNAL ISOLATED TRANSMITTER S4T-DT

FEATURES

- Converting a DC input into a standard process signal.
- Wide input and output range selection.
- Isolation: Input to output to power.
- DIN rail type.

ORDERING INFORMATION

MODEL:S4T-DT- □□□

DC Input Range (Input Resistance)

V1 : 0 ~ 50mV*	(≧ 200KΩ)
V2 : 0 ~ 5V	(≧ 1MΩ)
V3 : 1 ~ 5V	(≧ 1MΩ)
V4 : 0 ~ 10V	(≧ 1MΩ)
A1 : 0 ~ 1mA	(≦ 1KΩ)
A3 : 0 ~ 20mA	(≦ 50Ω)
A4 : 4 ~ 20mA	(≦ 50Ω)

00 : Option

*0 ~ 75mV is available

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

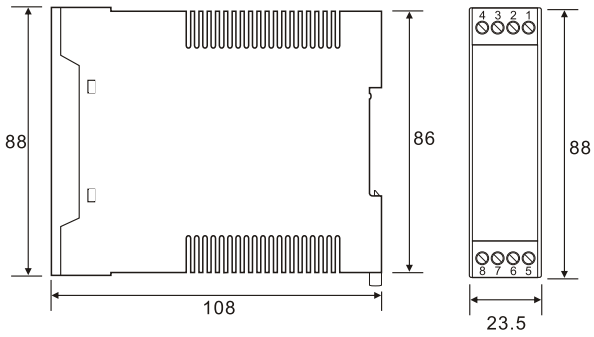
0: Option

SPECIFICATION

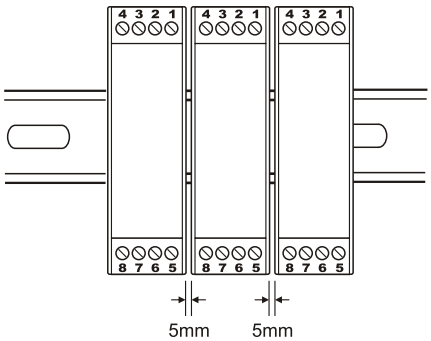
Accuracy	±0.1%RO.
Response time	≦ 400msec. 0 ~ 99%
	(Option) ≦ 50 msec. 0 ~ 99%*
Output ripple	≦ 0.5% RO. (Peak)
Power supply	AC / DC 90 ~ 260V, 50/60Hz
	DC 20 ~ 60V
Power consumption	at 240V, ≦ AC 6VA, ≦ DC 5W
	110V, ≦ AC 4VA, ≦ DC3W
Temperature coefficient	≦ 0.015%/°C
Operating temperature	-5 ~ 50°C
Storage temperature	-10 ~ 70°C
Max. Relative humidity	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.120g

*High response time, output ripple be according to input ripple.

THE OUTSIDE DIMENSION (UNIT: mm)



DEMAND FOR MOUNTING (UNIT: mm)



SCHEMATIC CIRCUITRY & CONNECTION DIAGRAM