

SIGNAL ISOLATED TRANSMITTER (TWO OUTPUT) S4T-DTD



FEATURES

- Converting a DC input into a standard process signal.
- Two isolated output.
- 4 way isolated.
- DIN rail type.



ORDERING INFORMATION

MODEL: S4T-DTD- [] [] [] []

DC Input Range (Input Resistance)

- V1: 0 ~ 50mV* ($\geq 100K\Omega$)
- V2: 0 ~ 5V ($\geq 1M\Omega$)
- V3: 1 ~ 5V ($\geq 1M\Omega$)
- V4: 0 ~ 10V ($\geq 1M\Omega$)
- A1: 0 ~ 1mA ($\leq 1K\Omega$)
- A3: 0 ~ 20mA ($\leq 50\Omega$)
- A4: 4 ~ 20mA ($\leq 50\Omega$)

00: Option

*0 ~ 75mV is available

DC Output Range - 1 (Output Resistance)

- V2: 0 ~ 5V ($\geq 1K\Omega$) A1: 0 ~ 1mA (0 ~ 10K Ω)
- V3: 1 ~ 5V ($\geq 1K\Omega$) A2: 0 ~ 10mA (0 ~ 1K Ω)
- V4: 0 ~ 10V ($\geq 1K\Omega$) A3: 0 ~ 20mA (0 ~ 500 Ω)
- 00: Option A4: 4 ~ 20mA (0 ~ 500 Ω)

DC Output Range - 2 (Output Resistance)

- V2: 0 ~ 5V ($\geq 1K\Omega$) A1: 0 ~ 1mA (0 ~ 10K Ω)
- V3: 1 ~ 5V ($\geq 1K\Omega$) A2: 0 ~ 10mA (0 ~ 700 Ω)
- V4: 0 ~ 10V ($\geq 1K\Omega$) A3: 0 ~ 20mA (0 ~ 350 Ω)
- 00: Option A4: 4 ~ 20mA (0 ~ 350 Ω)

Power Supply

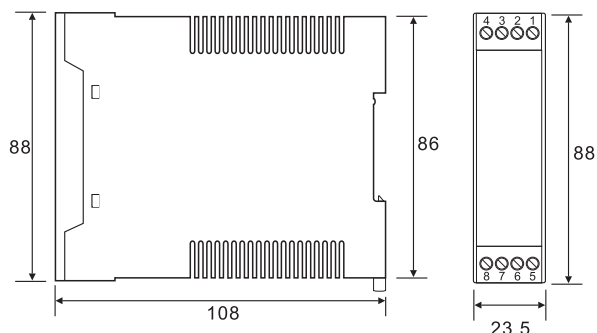
A: AC / DC 90 ~ 260V B: DC 20 ~ 60V

0: Option

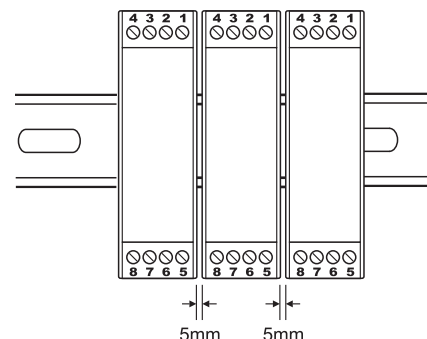
SPECIFICATION

Accuracy	.....	$\pm 0.1\%$ RO.
Response time	≤ 400 msec. 0 ~ 99%
Output ripple	.....	$\leq 0.5\%$ RO. (Peak)
Power supply	.....	AC / DC 90 ~ 260V, 50/60Hz DC 20 ~ 60V
Power consumption	.....	at 240V, \leq AC 7.5VA, \leq DC 6W 110V, \leq AC 4VA, \leq DC 4W
Temperature coefficient	.....	$\leq 0.015\%$ / °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. Output 1/Output 2 AC 1.0KV/min.
Insulation resistance	.....	$\geq 100M\Omega$, 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

