

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

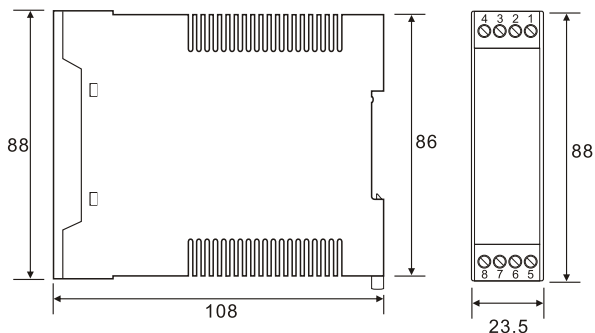
A: AC / DC 90 ~ 260V B: DC 20 ~ 60V

0: Option

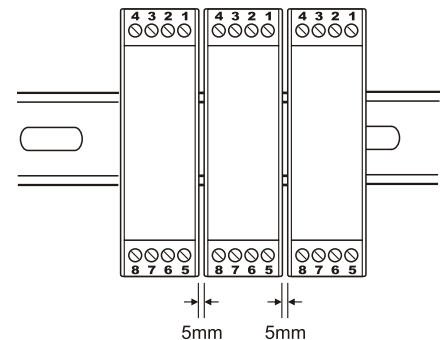
SPECIFICATION

| | | |
|---------------------------------|-------|-------------------------------------------------------------------------------|
| Accuracy | ..... | $\pm 0.1\%RO$. |
| Response time | ..... | $\leq 400msec$. 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 | ..... | $\leq 0.015\%/^{\circ}C$ |
| Operating temperature | ..... | - 5 ~ 50 $^{\circ}C$ |
| Storage temperature | ..... | -10 ~ 70 $^{\circ}C$ |
| 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

