

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* ($\geq 200K\Omega$)
 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

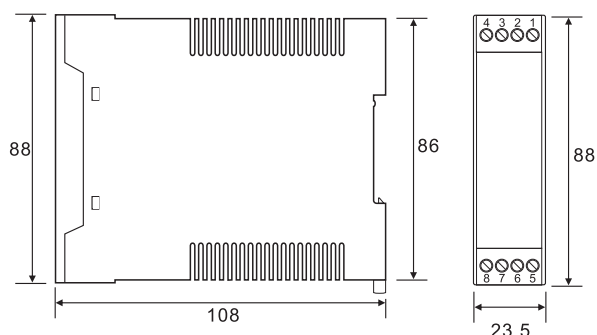
A: AC / DC 85 ~ 265V B: DC 20 ~ 60V

0: Option

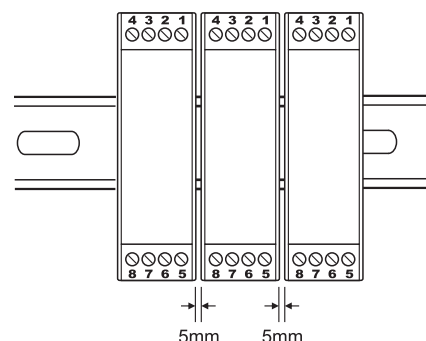
SPECIFICATION

Accuracy $\pm 0.1\%RO$.
 Response time $\leq 400msec$. 0 ~ 99%
 Output ripple $\leq 0.5\% RO$. (Peak)
 Power supply AC / DC 85 ~ 265V
 DC 20 ~ 60V
 Power consumption at 240V $\leq AC 7.5VA \leq DC 6W$
 110V $\leq AC 4VA \leq DC 4W$
 Temperature coefficient $\leq 150PPM/^{\circ}C$
 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

