SIGNAL ISOLATED TRANSMITTER（TWO OUTPUT）　S4T-DTD

CE

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*　　(≧ 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 - 1 (Output Resistance)

V2: 0 ~ 5V　(≧ 1KΩ)　　A1: 0 ~ 1mA　(0~10KΩ)
V3: 1 ~ 5V　(≧ 1KΩ)　　A2: 0 ~ 10mA　(0~1KΩ)
V4: 0 ~ 10V (≧ 1KΩ)　　A3: 0 ~ 20mA　(0~500Ω)
00: Option　　　　　　　A4: 4 ~ 20mA　(0~500Ω)

DC Output Range - 2 (Output Resistance)

V2: 0 ~ 5V　(≧ 1KΩ)　　A1: 0 ~ 1mA　(0~10KΩ)
V3: 1 ~ 5V　(≧ 1KΩ)　　A2: 0 ~ 10mA　(0~700Ω)
V4: 0 ~ 10V (≧ 1KΩ)　　A3: 0 ~ 20mA　(0~350Ω)
00: Option　　　　　　　A4: 4 ~ 20mA　(0~350Ω)

Power Supply

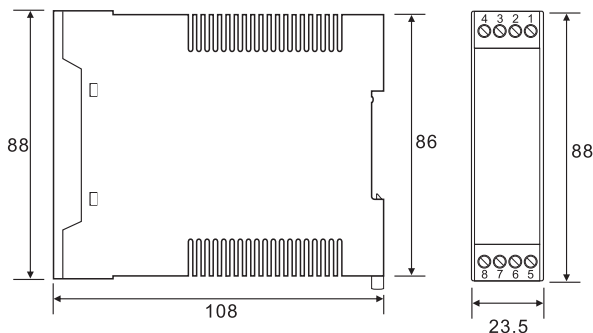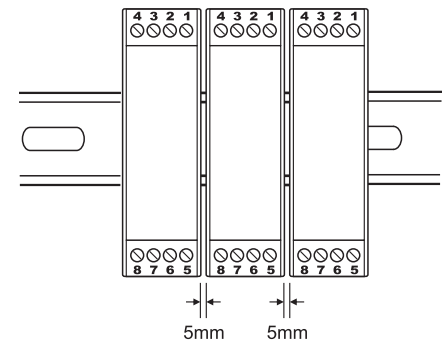A: AC / DC 85 ~ 265V　B: DC 20 ~ 60V
0: Option

SPECIFICATION

Accuracy	± 0.1%RO.
Response time	≦ 400msec.　0 ~ 99%
Output ripple	≦ 0.5% RO. (Peak)
Power supply	AC / DC 85 ~ 265V
	DC 20 ~ 60V
Power consumption	at 240V≦ AC 7.5VA≦ DC 6W
	110V≦ AC4VA≦ DC 4W
Temperature coefficient	≦150PPM/°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	≧ 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