



FEATURES

- Two-wire output for DC 4 ~ 20mA.
- Wide input range selection.
- Isolation: Input to output.
- DIN rail type.



ORDERING INFORMATION

MODEL: S4T-2DT- A4

DC Input Range (Input Resistance)

- V1: 0 ~ 50mV* ($\cong 200K\Omega$)
- V2: 0 ~ 5V ($\cong 1M\Omega$)
- V3: 1 ~ 5V ($\cong 1M\Omega$)
- V4: 0 ~ 10V ($\cong 1M\Omega$)
- A1: 0 ~ 1mA ($\cong 1K\Omega$)
- A3: 0 ~ 20mA ($\cong 50\Omega$)
- A4: 4 ~ 20mA ($\cong 50\Omega$)

00: Option

*0 ~ 75mV is available

DC Output Range (Output Resistance)

A4: 4 ~ 20mA (550 Ω Max. at 24V DC)

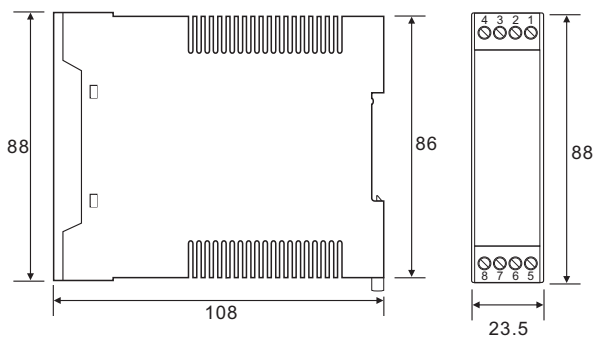
Power supply for two wire output: DC 12.8 ~ 32V

Output Resistance = (Supply Voltage - 12.8V) \div 0.02A

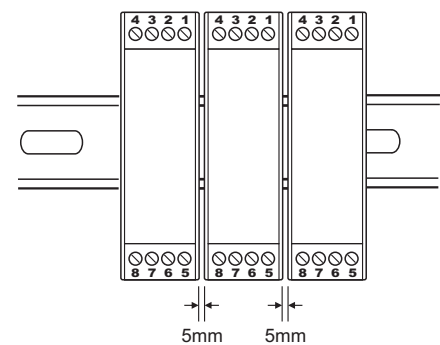
SPECIFICATION

Accuracy	.....	$\pm 0.2\%$ RO.
Response time	≤ 400 msec. 0 ~ 99%
Output ripple	.....	$\leq 0.5\%$ RO. (Peak)
Temperature coefficient	≤ 150 PPM/ $^{\circ}$ C
Operating temperature	.....	- 5 ~ 50 $^{\circ}$ C
Storage temperature	.....	-10 ~ 70 $^{\circ}$ C
Max. relative humidity	.....	90%
Isolation	.....	Input/Output
Dielectric strength	.....	AC 1.5KV, Input/Output AC 1.8KV All Terminals/Ground
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. 110g

THE OUTSIDE DIMENSION (UNIT: mm)



DEMAND FOR MOUNTING (UNIT: mm)



SCHEMATIC CIRCUITRY & CONNECTION DIAGRAM

