



## 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 $\Omega$  Max. at 24V DC)

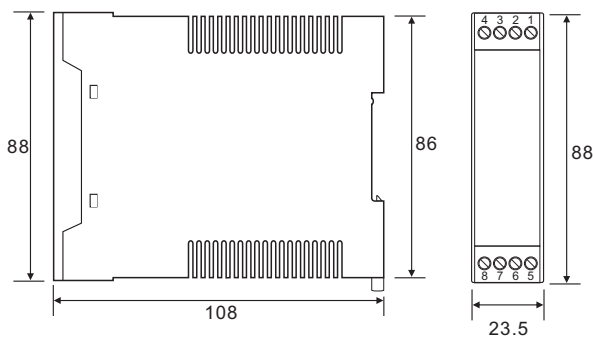
Power supply for two wire output: DC 12.8 ~ 32V

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

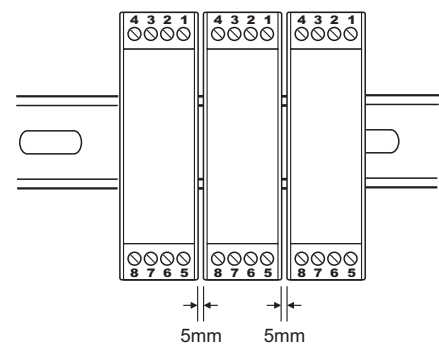
## SPECIFICATION

|                                 |       |   |
|---------------------------------|-------|---|
| Accuracy                        | ..... | $\pm 0.2\%$ RO.   |
| Response time                   | ..... | $\leq 400$ msec. 0 ~ 99%                                |
| Output ripple                   | ..... | $\leq 0.5\%$ RO. (Peak)                                 |
| Temperature coefficient         | ..... | $\leq 150$ 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<br>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

