



## FEATURES

- Converting the output from a pulse-type transducer. into a standard process signal.
- Isolation: Input to output to power.
- DIN rail type.



## ORDERING INFORMATION

**MODEL:S4T-RT-**

**Input Frequency Range**

- |              |              |
|--------------|--------------|
| A: 0 ~ 50HZ  | F: 0 ~ 2KHZ  |
| B: 0 ~ 100HZ | G: 0 ~ 5KHZ  |
| C: 0 ~ 200HZ | H: 0 ~ 10KHZ |
| D: 0 ~ 500HZ | 0: Option    |
| E: 0 ~ 1KHZ  |              |

**Input Amplitude**

- A: Excitation-DC 12 ~ 16V, 5mA  
 1: 2 ~ 50V (Input Resistance- $\geq$  500K $\Omega$ )  
 2: 15 ~ 350V (Input Resistance- $\geq$  500K $\Omega$ )  
 O: Option

**DC Output Range (Output Resistance)**

- |                                    |                                   |
|------------------------------------|-----------------------------------|
| V2: 0 ~ 5V ( $\geq$ 1K $\Omega$ )  | A1: 0 ~ 1mA (0 ~ 10K $\Omega$ )   |
| V3: 1 ~ 5V ( $\geq$ 1K $\Omega$ )  | A2: 0 ~ 10mA (0 ~ 1.5K $\Omega$ ) |
| V4: 0 ~ 10V ( $\geq$ 1K $\Omega$ ) | A3: 0 ~ 20mA (0 ~ 750 $\Omega$ )  |
| 00: Option                         | A4: 4 ~ 20mA (0 ~ 750 $\Omega$ )  |

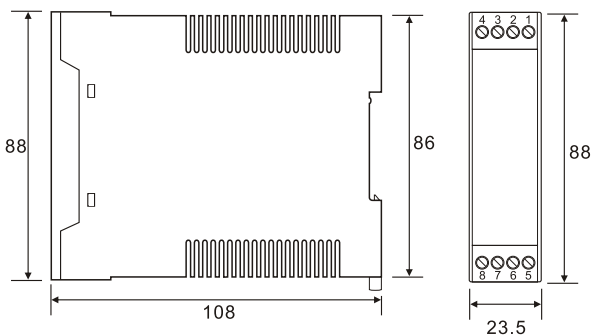
**Power Supply**

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

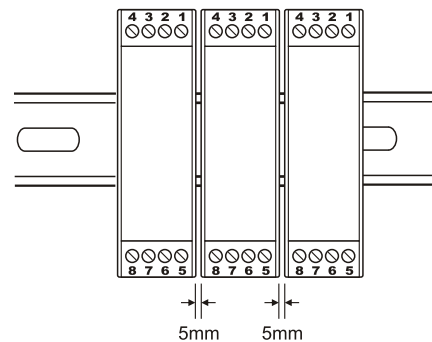
## SPECIFICATION

Accuracy	$\pm 0.1\%RO.$
Response time (0 ~ 90%)	0 ~ 50Hz $\leq$ 3 sec. 0 ~ 100Hz $\leq$ 1.5 sec. 0 ~ 500Hz $\leq$ 700ms. 0 ~ 10KHz $\leq$ 500ms.
Output ripple	$\leq 0.5\% RO.$ (Peak)
Power supply	AC / DC 90~260V, 50/60Hz DC 20V ~ 60V
Excitation	DC 12 ~ 16V, 5mA
Power consumption	at 240V, $\leq$ AC 6.5VA, $\leq$ DC 5W 110V, $\leq$ AC 4VA, $\leq$ DC 3W
Temperature coefficient	$\leq 0.015\%/^{\circ}C$
Operating temperature	- 5 ~ 50 $^{\circ}C$
Storage temperature	- 10 ~ 70 $^{\circ}C$
Max. relative humidity	0 ~ 90%
Isolation	Input/Output/Power
Dielectric strength	AC 1.8KV/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

