SPEED (FREQUENCY) ISOLATED TRANSMITTER S4T-RT

CE

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

Input Amplitude

A: Excitation - DC12~16V , 5mA
1: 2 ~ 50V (Input Resistance-≧ 500KΩ)
2: 15 ~ 350V (Input Resistance-≧ 500KΩ)
0: Option

DC Output Range (Output Resistance)

V2: 0 ~ 5V (≧ 1KΩ)
V3: 1 ~ 5V (≧ 1KΩ)
V4: 0 ~ 10V (≧ 1KΩ)
00: Option
A1: 0 ~ 1mA (0~10KΩ)
A2: 0 ~ 10mA (0~1.5KΩ)
A3: 0 ~ 20mA (0~750Ω)
A4: 4 ~ 20mA (0~750Ω)

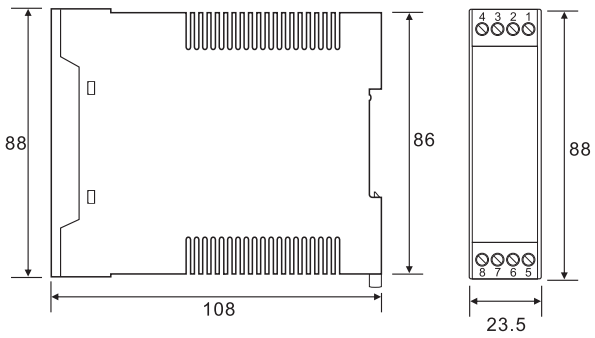
Power Supply

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

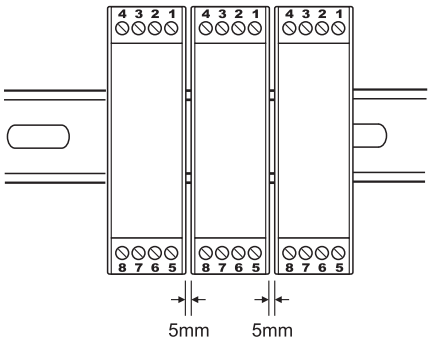
SPECIFICATION

Accuracy	± 0.1%RO.
Response time (0 ~ 90%)	0 ~ 50Hz ≦ 3 sec.
	0 ~ 100Hz ≦ 1.5 sec.
	0 ~ 500Hz ≦ 700ms.
	0 ~ 10KHz ≦ 500ms.
Output ripple	≦ 0.5% RO. (Peak)
Power supply	AC /DC 85 ~ 265V
	DC 20V ~ 60V
Excitation	DC 12 ~ 16 V,5mA
Power consumption	at 240V ≦ AC 6.5VA ≦ DC 5W
	110V ≦ AC 4VA < DC 3W
Temperature coefficient	≦ 150PPM/°C
Operating temperature	- 5 ~ 50°C
Storage temperature	-10 ~ 70°C
Max. relative humidity	0 ~ 90%
Isolation	Input/Output/Power
Dielectric strength	AC 1.8KV/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