SPEED (FREQUENCY) TRANSMITTER

S4X-RT

FEATURES

- Converting the output from a pulse-type transducer into a standard process signal
- Easy to change output range
- Plug-in omniconnect terminals
- 3 way isolated

ORDERING INFORMATION

MODEL:S4X-RT- □□□□

Input Frequency Range

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

Input Amplitude

A: Excitation-DC 12 ~ 16V, 5mA
1: 2 ~ 50V (Input Resistance-≧500KΩ)
2: 15 ~ 350V (Input Resistance-≧500KΩ)
O: Option

DC Output Range (Output Resistance)

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

00: Option

Power Supply

A: AC 85 ~ 265V, DC 100 ~ 330V
B: DC 20 ~ 60V
0: Option

● **Dip SW. For Output Range (Standard)**

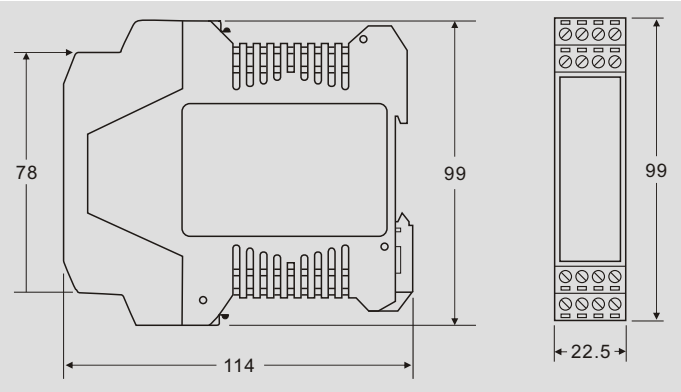
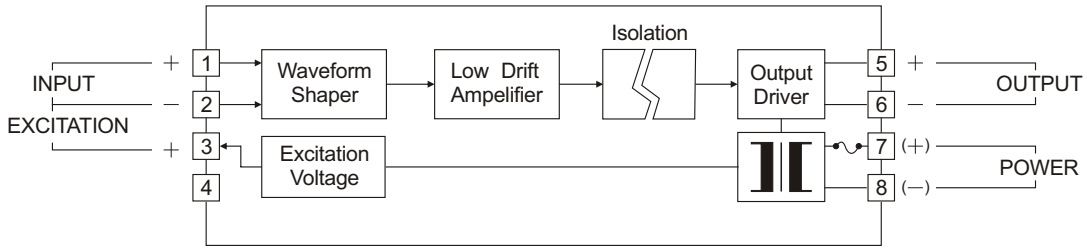
Output Range	SW.2 1	2	3	4	5	6	7	8
0 ~ 5V	■		■		■		■	
1 ~ 5V	■		■	■	■		■	■
0 ~ 10V	■		■			■		■
0 ~ 10mA		■			■		■	
0 ~ 20mA		■				■		■
4 ~ 20mA		■		■		■	■	■

■ ON

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 85V ~ 265V, 50/60Hz
	DC 100V ~ 330V
	DC 20V ~ 60V
Excitation	DC 12 ~ 16V, 5mA
Power consumption	at 240V,≦AC 6.5VA,≦DC 5W
	110V, ≦AC 4VA, ≦DC 3W
Temperature coefficient	≦0.015%/ ˚C
Operating temperature	0 ~ 60 ˚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
Impulse withstand test	IEC 1000-4-5, class 4
Weight	Abt.170g

THE OUTSIDE DIMENSION (UNIT: mm)



SCHEMATIC CIRCUITRY & CONNECTION DIAGRAM