

## FEATURES

- Converting a DC input into a standard process signal
- Easy to change Input and output range
- Plug-in omniconnect terminals
- 3 way isolated



## ORDERING INFORMATION

MODEL: S4X-DT-

### DC Input Range (Input Resistance)

- V1: 0 ~ 50mV\* ( $\geq 200K\Omega$ )
- V2: 0 ~ 5V ( $\geq 1M\Omega$ )
- V3: 1 ~ 5V ( $\geq 1M\Omega$ )
- V4: 0 ~ 10V ( $\geq 1M\Omega$ )
- A1: 0 ~ 1mA ( $\leq 1K\Omega$ )
- A3: 0 ~ 20mA ( $\leq 50\Omega$ )
- A4: 4 ~ 20mA ( $\leq 50\Omega$ )
- 00: Option
- \*0 ~ 75mV is available

### DC Output Range (Output Resistance)

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

### Power Supply

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

### ● Dip SW. For Input & Output Range (Standard)

Input Range	SW.1								Output Range	SW.2							
	1	2	3	4	5	6	7	8		1	2	3	4	5	6	7	8
0 ~ 50mV	■								0 ~ 5V	■	■	■	■	■	■	■	■
0 ~ 5V		■							1 ~ 5V	■	■	■	■	■	■	■	■
1 ~ 5V			■						0 ~ 10V	■	■	■	■	■	■	■	■
0 ~ 10V				■					0 ~ 10mA	■	■	■	■	■	■	■	■
0 ~ 1mA	■								0 ~ 20mA	■	■	■	■	■	■	■	■
0 ~ 20mA	■								4 ~ 20mA	■	■	■	■	■	■	■	■
4 ~ 20mA	■																

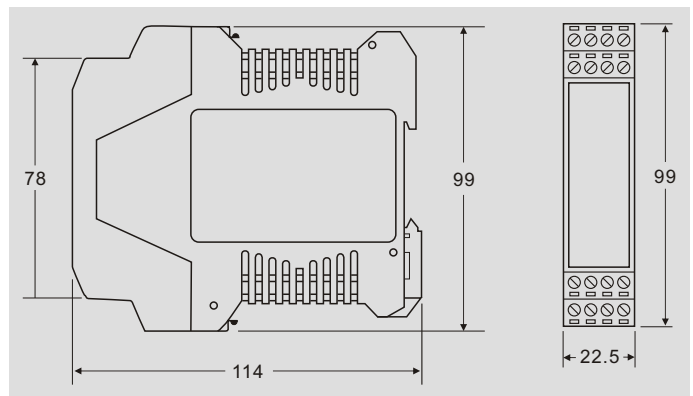


## SPECIFICATION

- Accuracy .....  $\pm 0.1\%RO$ .
- Response time .....  $\leq 400msec$ . 0 ~ 99%  
(Option)  $\leq 50 msec$ . 0 ~ 99%\*
- Output ripple .....  $\leq 0.5\% RO$ . (Peak)
- Power supply ..... AC 85V ~ 265V, 50/60Hz  
DC 100 ~ 330V  
DC 20 ~ 60V
- Power consumption ..... at 240V,  $\leq AC 6VA$ ,  $\leq DC 5W$   
110V,  $\leq AC 4VA$ ,  $\leq DC 3W$
- Temperature coefficient .....  $\leq 0.015\%/^{\circ}C$
- Operating temperature ..... 0 ~ 60  $^{\circ}C$
- Storage temperature ..... -10 ~ 70  $^{\circ}C$
- Max. relative humidity ..... 90%
- Isolation ..... Input/Output/Power
- Dielectric strength ..... AC 1.8KV/min.
- Insulation resistance .....  $\geq 100M\Omega$ , DC 500V
- Impulse withstand test ..... IEC 1000-4-5, class 4
- Weight ..... Abt.170g

\*High response time, output ripple be according to input ripple.

## THE OUTSIDE DIMENSION (UNIT: mm)



## SCHEMATIC CIRCUITRY & CONNECTION DIAGRAM

