

<b>MODEL</b>	<b>AW-SL-ISO</b>
<b>www.autowins.co.kr</b>	

# SLIM TYPE ISOLATION CONVERTER

## ● GENERAL SPECIFICATION

- Construction : DIN Rail
- Isolation : Power to Input to Output
- Adjustment : Zero & Span  $\pm 20\%$  of full scale

## ● INPUT

### ◆ DC VOLTAGE

- Range :  $\pm 300V$  Max
- Resistance :  $20K\Omega$  Min at  $\pm 1V$   
 $1M\Omega$  Min at  $\pm 10V$

### ◆ DC CURRENT

- Range :  $50mA$  Max
- Resistance :  $250\Omega$  Max

## ● OUTPUT

- DC VOLTAGE :  $\pm 12V$  Max
- Load Resistance

Output	Resistance
0 ~ 10mV	1K $\Omega$ or more
0 ~ 100mV	1K $\Omega$ or more
0 ~ 1V	1K $\Omega$ or more
0 ~ 5V	2K $\Omega$ or more
0 ~ 10V	4K $\Omega$ or more
-10V ~ 10V	4K $\Omega$ or more

- DC CURRENT : 0 ~ 20mA

- Load Resistance

Output	Resistance
0 ~ 1mA	15K $\Omega$ or less
0 ~ 10mA	1.5K $\Omega$ or less
0 ~ 20mA	750 $\Omega$ or less
1 ~ 5mA	3K $\Omega$ or less
4 ~ 20mA	750 $\Omega$ or less

## ● INSTALLATION

- Operating temperature :  $-10^{\circ}C$  ~  $60^{\circ}C$
- Operating humidity : 90%RH Max  
(none condensing)
- Power supply  
DC :  $24V \pm 20\%$ , approx 3VA
- Power selection : AC 110V/220V Switch  
in the back plane
- Mounting : DIN rail

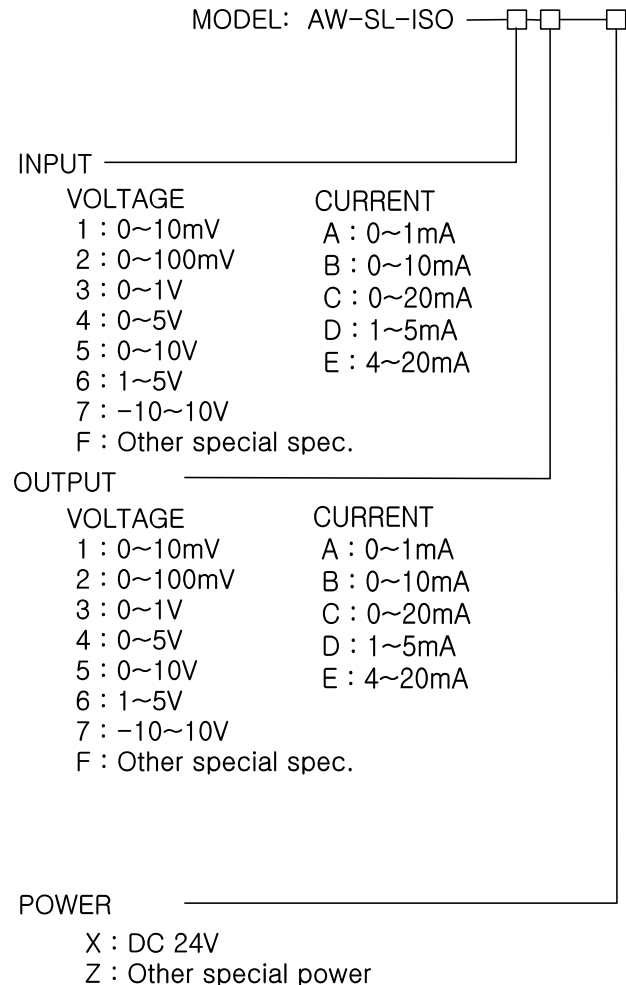
## ● PERFORMANCE

- Accuracy :  $\pm 0.1\%$
- Temp'coefficient :  $\pm 0.015/\%$
- Response time : 0.5 Sec or less(0~90%)
- Insulation resistance : 100M $\Omega$  or more  
with 500VDC(Input/Output/Power)
- Dielectric strength : 1500VAC at 1minute  
(Input to Output to Power)

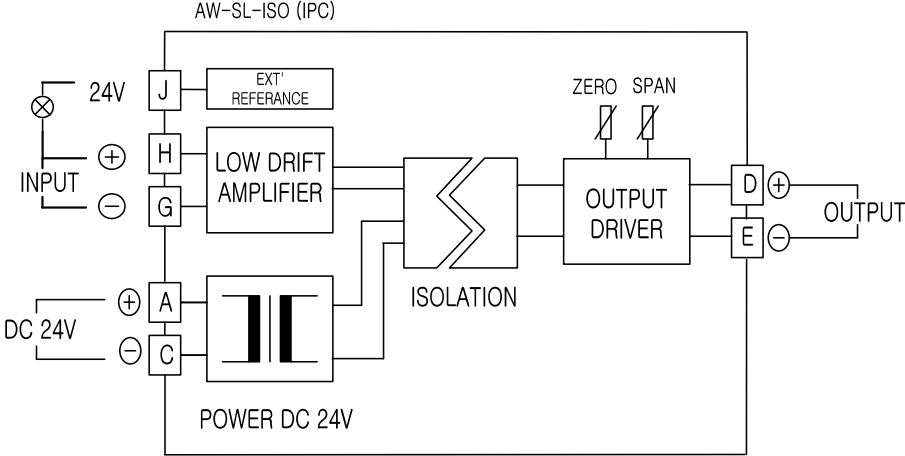


이 제품은 각종의 DC Signal을 입력으로 하여 절연된 직류 신호로 변환하는 SLIM TYPE 변환기로서 작은 공간에서도 사용할수 있도록 제작된 초소형 제품입니다.

## ● ORDERING CODE SELECTION



● **PIN CONNECTION DIAGRAM**



● **DEMENSION**

