

● GENERAL SPECIFICATION

- Construction : Plug -in
- Wring : M3.5 Screw Terminal
- Isolation : Power to Input to Output1 to Output2
- Adjustment : Zero & Span $\pm 20\%$ of full scale

● INPUT

- Open collector : 12VDC/4mA
- Voltage pulse : Square or sine waveforms
- Dry contact : 12VDC/4mA
- Current pulse input impedance : 250 Ω
- Input cut off bias voltage adjustment : 0~6VDC max
- Stabile frequency : 500Hz ~

● OUTPUT

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

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

- DC CURRENT : 0 ~ 20mA

- Load Resistance

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

- Display range : -999~1999, 3 1/2 digit (available decimal point)

● INSTALLATION

- Operating temperature : -5 $^{\circ}$ C ~ 55 $^{\circ}$ C
- Operating humidity : 90%RH Max (none condensing)
- Power supply
 - AC : 110V or 220V/60Hz $\pm 10\%$, approx 3VA
 - DC : 18V ~ 30V $\pm 10\%$, approx 3VA
- Power selection : AC 110V/220V Switch in the back plane
- Mounting : Wall or DIN rail

● PERFORMANCE

- Accuracy : $\pm 0.2\%$
- Temp'coefficient : $\pm 0.015/\%$
- Response time : 0.5 Sec or less(0~90%)
- Insulation resistance : 100M Ω or more with 500VDC(Input/Output/Power)
- Dielectric strength : 1500VAC at 1minute (Input to Output to Power)



The model AW - FDC accepts the various periodic pulse type signal (square or sine wave, magnetic sensor signal etc.) and provides isolated proportional DC outputs.

● ORDERING CODE SELECTION

MODEL: AW - FDC

MODEL TYPE _____

1 : 1 Output

2 : 2 Output

A : 1 Output with display

B : 2 Output with display

INPUT _____

1 : Voltage pulse

2 : Open collector

3 : Dry contact

F : Other spec.

OUTPUT 1 _____

VOLTAGE	CURRENT
1 : 0~10mV	A : 0~1mA
2 : 0~100mV	B : 0~10mA
3 : 0~1V	C : 0~20mA
4 : 0~5V	D : 1~5mA
5 : 0~10V	E : 4~20mA
6 : 1~5V	
7 : -10~10V	
F : Other special spec.	

OUTPUT 2 _____

N : no output2

The codes are the same as Output1

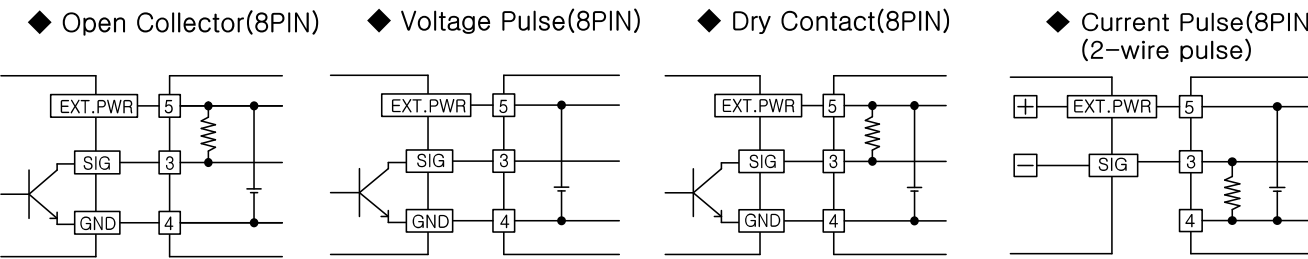
POWER _____

X : AC 110V or 220V for 50/60Hz

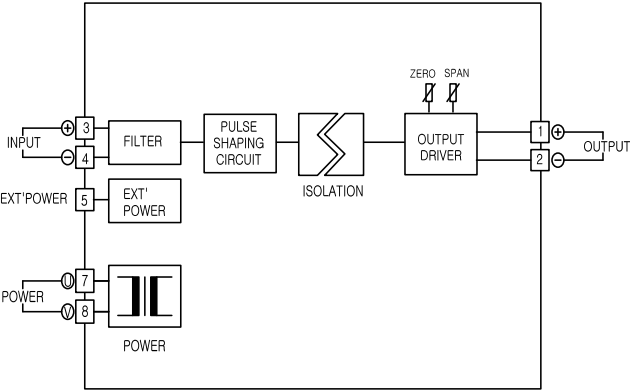
Y : DC 24V

Z : Other special power

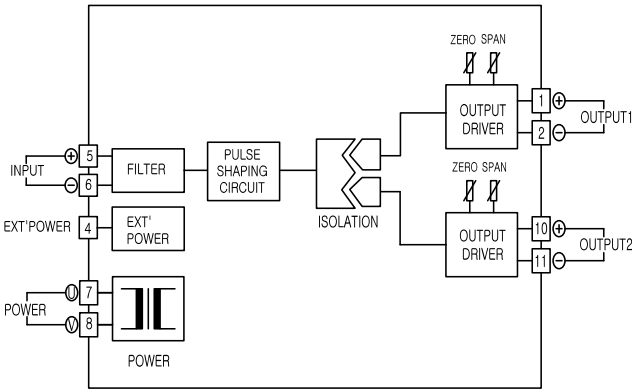
● INPUT CONNECTION CIRCUIT



● 1 OUTPUT CONNECTION DIAGRAM

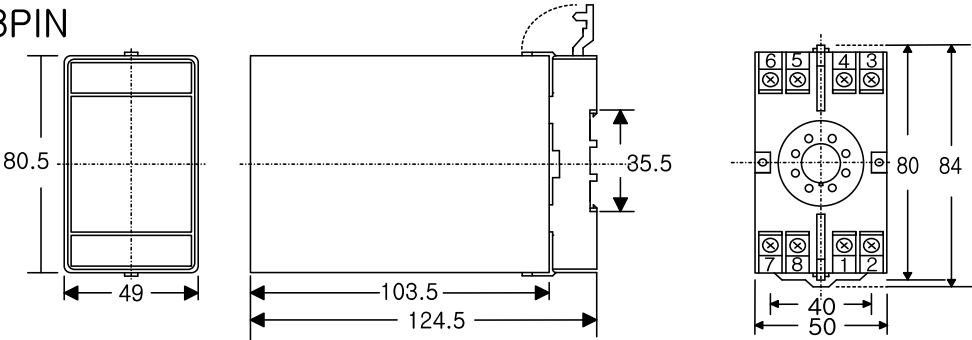


● 2 OUTPUT CONNECTION DIAGRAM



● DEMENSION

■ 8PIN



■ 11PIN

