

● **GENERAL SPECIFICATION**

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

● **INPUT**

- Open collector : 12VDC/4mA
- Voltage pulse : Square or sine waveforms
- Dry contact : 12VDC/4mA
- Current pulse input impedance : 250Ω
- Input cut off bias voltage adjustment : 0~6VDC max
- Minimum stabile frequency : 2Hz

● **OUTPUT**

- DC VOLTAGE : ± 12V Max
- Load Resistance

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

- DC CURRENT : 0 ~ 20mA
- Load Resistance

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

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

● **INSTALLATION**

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

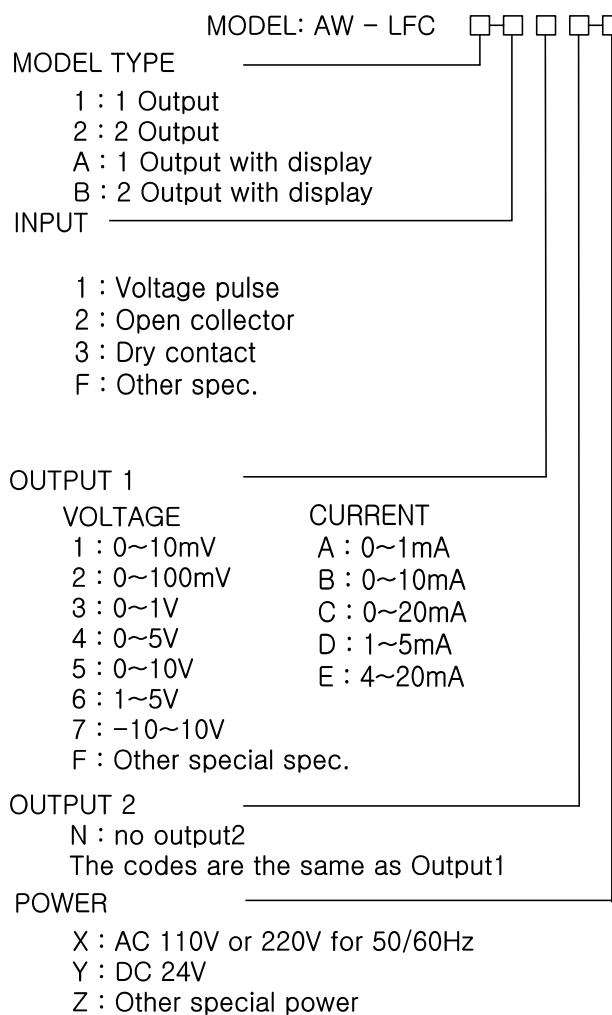
● **PERFORMANCE**

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



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

● **ORDERING CODE SELECTION**

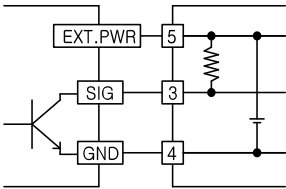


MODEL	AW - LFC
www.autowins.co.kr	

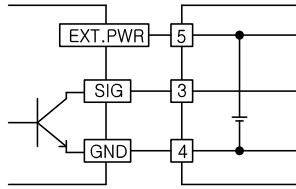
FREQUENCY TO DC CONVERTER

● INPUT CONNECTION CIRCUIT

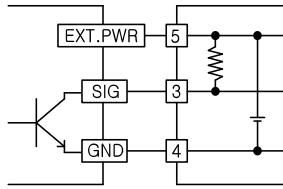
◆ Open Collector(8PIN)



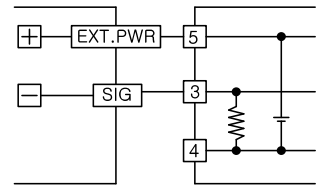
◆ Voltage Pulse(8PIN)



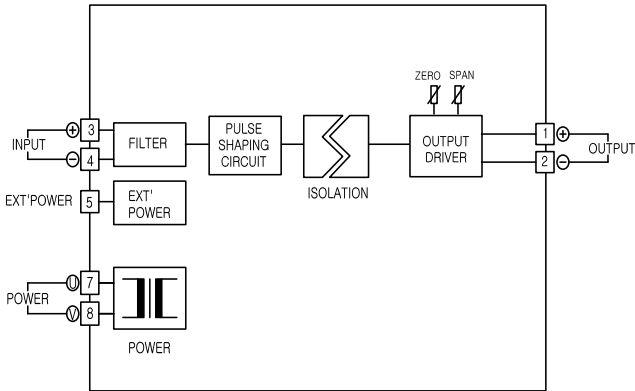
◆ Dry Contact(8PIN)



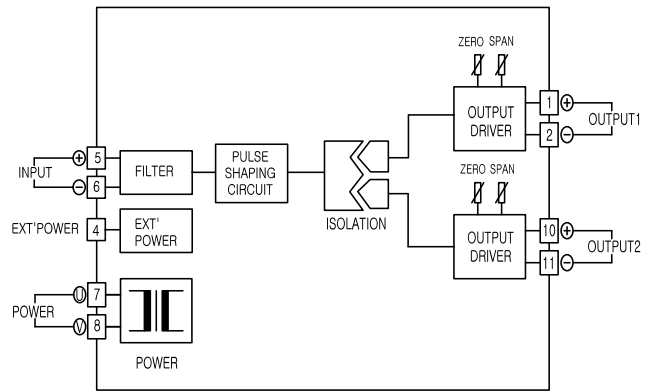
◆ Current Pulse(8PIN)
(2-wire pulse)



● 1 OUTPUT CONNECTION DIAGRAM

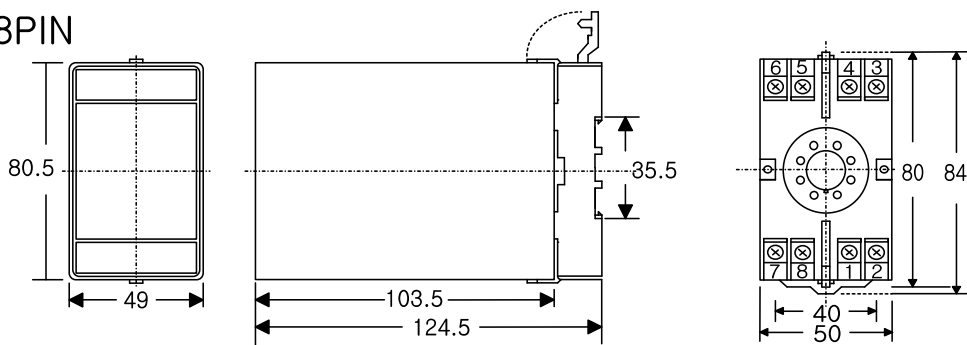


● 2 OUTPUT CONNECTION DIAGRAM



● DEMENSION

■ 8PIN



■ 11PIN

