

# AC Type Dynamic Amplifier



## >Model DN-ACM100

As dynamic strain amplifier, it is designed and manufactured to be suitable for instrumentation control panel.

### ■Feature

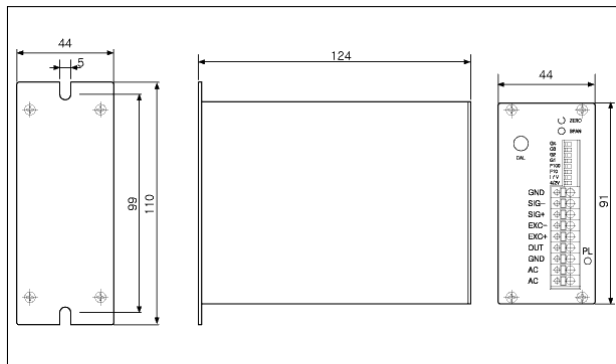
- Built-in single step filtering function
- Built-in automatic temperature compensating circuit
- Easy to adjust zero and span by volume
- LVDT (DP Series) only

### >SPECIFICATIONS

Specifications	Accuracy
Bridge voltage	AC 2Vrms 5kHz/10kHz
Application sensor	Differential trans LVDT (ACTYPE, DP series)
Rated output	Voltage 10V, Load resistance more than 200Ω Current 4~20mA, Load resistance less than 300Ω
Zero adjustment range	10%, 10 rotations
Sensitivity adjustment range	1500 Multiplier
S/N rate	51dB
Answering frequency	500Hz
Low pass filter	10Hz, 100Hz, pass
Nonlinearity	0.1% F.S
Usage temperature range	-10℃ ~ 60℃
Humidity	Less than 80% RH (No dew condensation)
Supply power	AC220V 50/60KH(AC 110V available by internal operation)

### >DIMENSIONS

unit:mm



## >Model DN-AMP100

- AC Amplifier
- DP Series HBT sensor only
- Voltage 0 ~ 5V output
- Compact and low price
- Response frequency 3 kHz

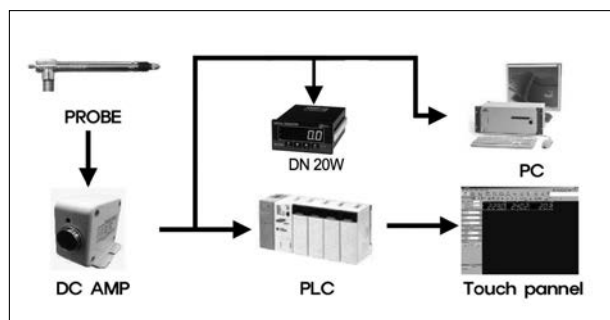
AC 2Vrms 5kHz/10kHz

Voltage 10V, Load resistance more than 200Ω

### >SPECIFICATIONS

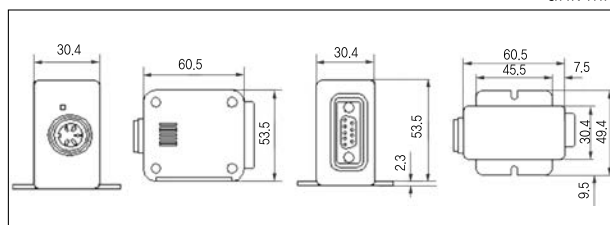
Specifications	Accuracy		
Application sensor	DP series HBT sensor		
Bridge voltage	AC 2Vrms 5kHz/10kHz		
Rated output	DC0~5V or 4~20mA		
Power & Output	AMP-100-A1	AMP-100-B1	AMP-100-B3
	DC±15V, 0-5V	DC 24V, 0-5V	DC 24V, 4~20mA
Input sensor terminal socket	DIN 5pin		
In/Out Voltage terminal conn.	D-SUB 9pin		
Size(mm) W x H x D	49.4 x 53.5 x 71.7		

### >APPLICATION



### >DIMENSIONS

unit:mm



★Specifications are subject to change without notice.