

# AC Type Dynamic Amplifier



## >Model DN-ACM100

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

### ■Feature

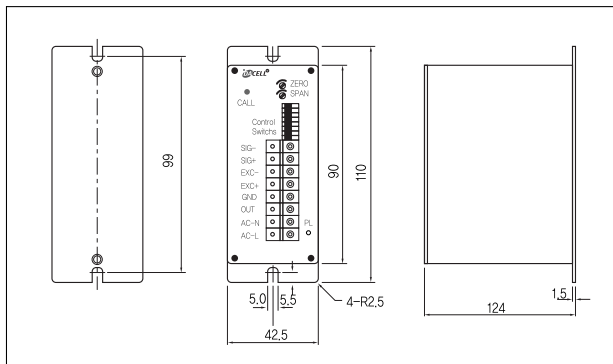
- Built-in single step filtering function
- Built-in automatic temperature compensating circuit
- Easy to adjust zero and span by volume
- DN-ACM100 : LVDT (DP Series)

### >SPECIFICATIONS

Specifications	Accuracy
Bridge voltage	AC 2Vrms 5kHz/10kHz
Application sensor	Differential trans Torquemeter (AC TYPE, TRC)
Rated output	Voltage $\pm 10V$ , Load resistance more than 200 $\Omega$ Current 4~20mA, Load resistance less than 300 $\Omega$
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 $^{\circ}C$ ~ 60 $^{\circ}C$
Humidity	Less than 80% RH (No dew condensation)
Supply power	AC220V 50/60KH/AC 110V available by internal operation

### >DIMENSIONS

unit:mm



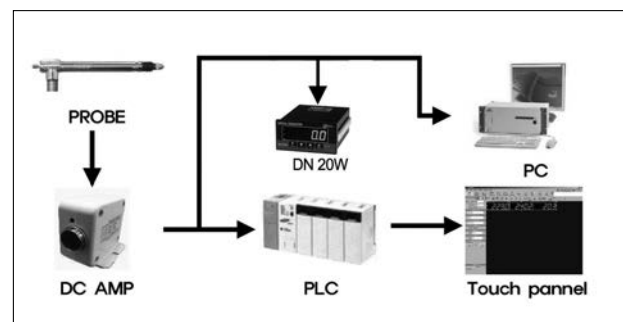
## >Model DN-AMP100

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

### >SPECIFICATIONS

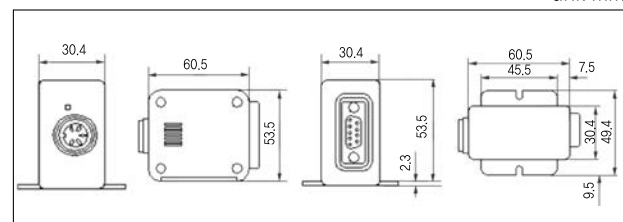
Specifications	Accuracy		
Bridge voltage	DP series HBT sensor		
Application sensor	AC 2Vrms 5kHz/10kHz		
Rated output	DC0~5V		
Gain	AMP-100-A1	AMP-100-B2	AMP-100-C5
	DP-S4(V)1.25mV/ $\mu m$	DP-10(V)0.5mV/ $\mu m$	DP-250.312mV/ $\mu m$
Input sensor terminal socket	DIN 5pin		
In/Out Voltage terminal conn.	D-SUB 9pin		
Voltage	DC $\pm 15V$		

### >APPLICATION



### >DIMENSIONS

unit:mm



★Specifications are subject to change without notice.