

# DYNAMIC STRAIN AMPLIFIER

## > Model DN-AM100, ACM100, ACM200

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

- Built-in single step filtering function
- Built-in automatic temperature compensating circuit
- Easy to adjust zero and span by volume
- DN-AM100 : Load Cell
- DN-ACM100 : LUDT (DP Series)
- DN-ACM200 : Torgue Sensor (TRC)

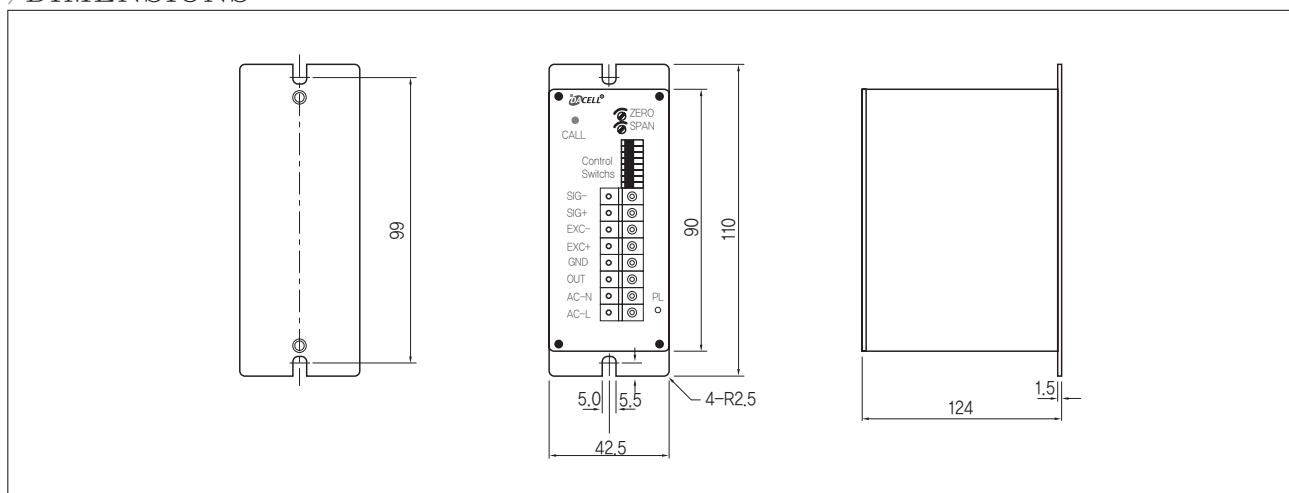


## > SPECIFICATIONS

Specifications	DN-AM100	DN-ACM100	DN-ACM200
Bridge voltage	Constant voltage DC 5V, 10V	AC 2Vrms 5kHz/10kHz	AC 2Vrms 5kHz/10kHz
Application sensor	Strain gauge sensor (350Ω or 120Ω)	Differential trans LVDT (FULL/HALF TYPE)	Differential trans TORQUEMETER (AC TYPE, TRC)
Rated output	Voltage ±10V, Load resistance more than 200Ω	Voltage ±10V, Load resistance more than 200Ω	Voltage ±10V, Load resistance more than 200Ω
	Current 4~20mA, Load resistance less than 300Ω	Current 4~20mA, Load resistance less than 300Ω	Current 4~20mA, Load resistance less than 300Ω
Zero adjustment range	10%, 10 rotations	10%, 10 rotations	10%, 10 rotations
Sensistivity adjustment range	1500 Multiplier	1500 Multiplier	1500 Multiplier
S/N rate	51dB	51dB	51dB
Answering frequency	DC-20kHz (-3dB)	500Hz	500Hz
Low pass filter	10Hz, 100Hz, 1kHz pass	10Hz, 100Hz, pass	10Hz, 100Hz, pass
Non-linearity	0.02% F.S	0.1% F.S	0.1% F.S
Usage temperature range	-10°C ~ 60°C	-10°C ~ 60°C	-10°C ~ 60°C
Allowed voltage variation rate	Supply power ±5%	Supply power ±5%	Supply power ±5%
Voltage	AC 220V	AC 220V	AC 220V

## > DIMENSIONS

unit:mm



★Specifications are subject to change without notice.