

Dynamic Strain Amplifier

> Model DN-AM100

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

Application sensor : Torque transducer, Load cell, strain gauge type sensors, mV output type sensors etc.

- Built-in single step filtering function
- Built-in automatic temperature compensating circuit
- Easy to adjust zero and span by volume
- Option : Power DC 24V

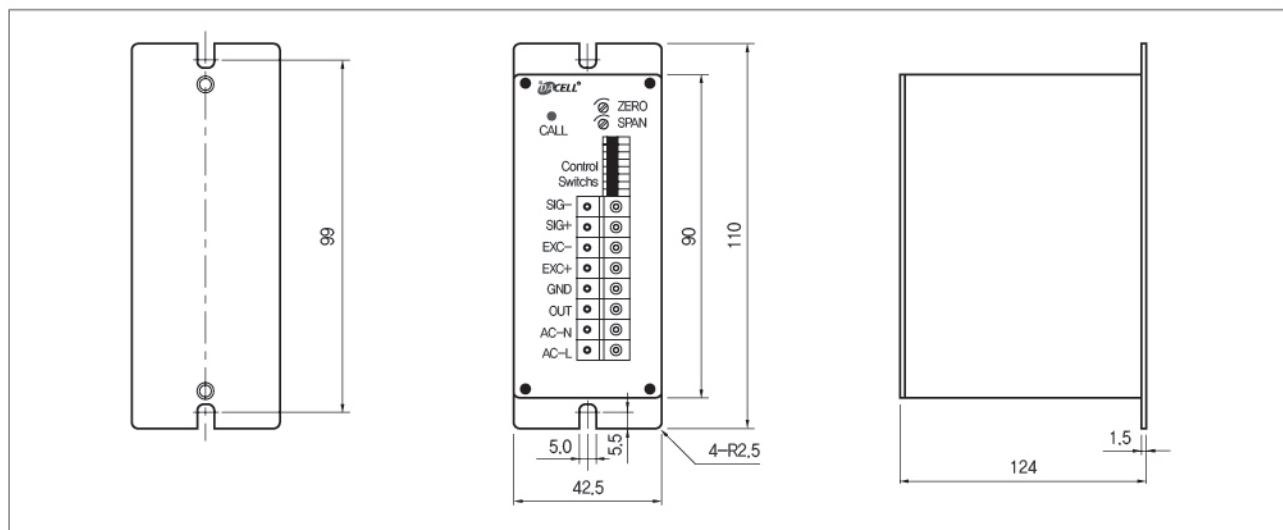


>SPECIFICATIONS

Specifications	Accuracy
Bridge voltage	Constant voltage DC 5V, 10V
Application Bridge resistance	100Ω ~ 1kΩ
Rated output	Voltage $\pm 10V$ (Load resistance more than 200Ω) Current 4~20mA (Load resistance less than 300Ω)
Zero adjustment range	10%, 10 rotations
Sensistivity adjustment range	1500 Multiplier
S/N rate	51dB
Answering frequency	DC~20kHz (-3dB)
Low pass filter	10Hz, 100Hz, 1kHz pass
Nonlinearity	$\pm 0.02\%$ F.S
Usage temperature range	-10°C to 60°C
Humidity	Less than 80% RH (no dew condensation)
Supply power	AC 220V 50/60Hz (AC 110V available by internal operation)

>DIMENSIONS

unit:mm



★Specifications are subject to change without notice.