

# DYNAMIC STRAIN AMPLIFIER

## Model DN-AM100

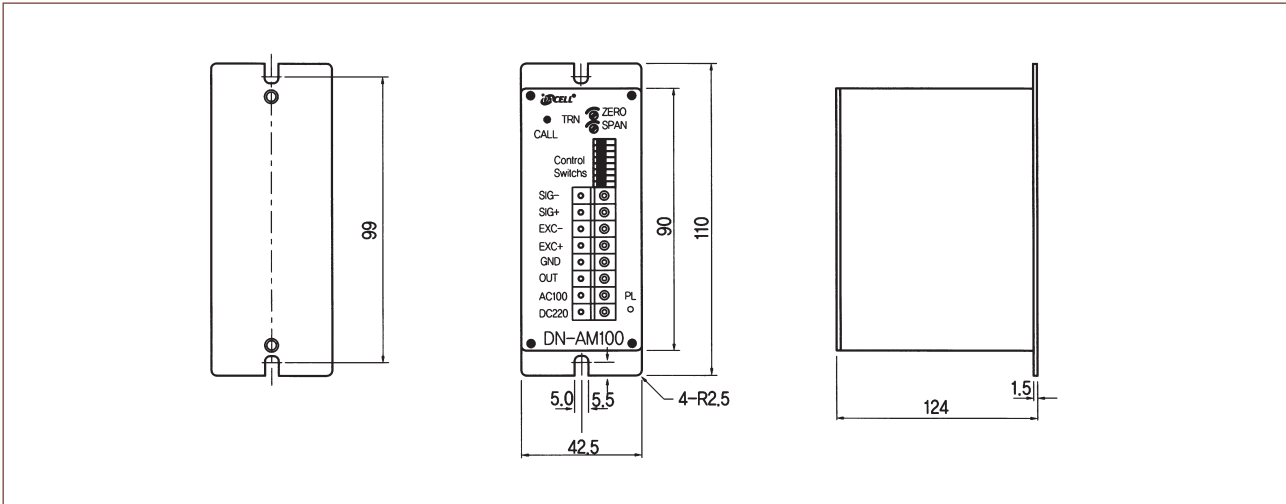


This product is a dynamic strain amplifier using DC constant voltage method.

- Amplifier to convert strain gage signal from load cell to DC voltage
- Multi stage filter construction
- The circuit compensated temperature automatically
- Function control by rotary s/w

## Dimensions

Unit : mm



## Specifications

Specifications	Accuracy
Number of measuring point	1Point per each unit
Application gage resistance	100Ω~1kΩ
Output	Voltage±10VDC (Load resistance ≥ 200Ω) Ampere 4~20mA (Load resistance ≤ 300Ω)
Bridge voltage(BV/V)	Constant voltage DC5V, 10V
Zero set range	Adjustment by 10 turns VR (10%)
Zero set method	Volume control
Nonlinearity	±0.02% F.S.
S/N ratio	51dB
Response frequency characteristic	DC 10KHz (-3dB)
Low pass Filter	10Hz, 100Hz, 1KHz, Pass
Operating temperature	-10°C~+60°C
Power	AC110V/220V, 60/50Hz
Size, weight	42(W)x110(H)x123(D)mm, 0.5Kg