



ST-AM100

Dynamic Strain Amplifier

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FEATURE

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

It is used for strain gauge applied sensors, and amplification of I/vdt and mV output sensor.

- Built-in single step filtering function
- Built-in automatic temperature compensating circuit
- Easy to adjust zero and span by volume
- Frequency response DC ~20kHz

SPECIFICATION

Bridge voltage	Constant voltage DC 5V, 10V
Application bridge resistance	100Ω ~ 1kΩ
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
Frequency response	DC ~20kHz (-3dB)
Low pass filter	10Hz, 100Hz, 1kHz, Pass
Non-linearity	0.02% F.S
Usage temperature range	-10°C ~ 60°C
Humidity	Less than 80% RH
POWER	AC 220V 50/60Hz (AC 110V:Option)



DIMENSION

