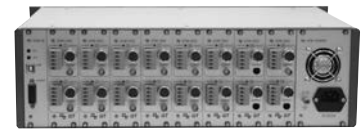


Dynamic Strain Amplifier Digital Amplifier



>Model DN-AM10A

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

■Feature

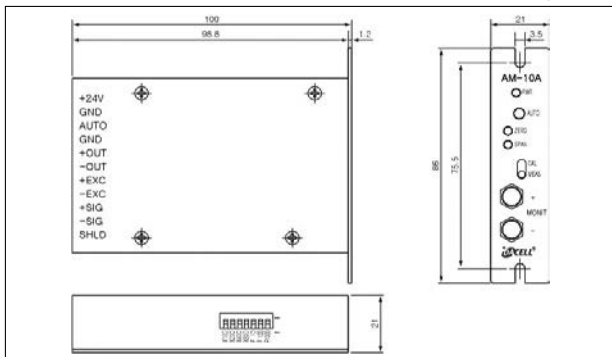
- Built-in single step filtering function
- Built-in automatic temperature compensating circuit
- Easy to adjust zero and span by volume

>SPECIFICATIONS

Specifications	Accuracy
Bridge voltage	Constant voltage DC 5V
Application bridge resistance	120Ω ~ 350Ω
Rated output	Voltage ±5V (Load resistance more than 200Ω) Current 4 ~ 20mA (Load resistance less than 300Ω)
Zero adjustment ranger	V/R(±0.1V), Auto zero(±2.5V)
Sensitivity adjustment range	Sensitivity ±10%
S/N rate	51dB
Answering frequency	DC ~ 10kHz
Low Pass Filter	10Hz, 100Hz, 1kHz, Pass
Nonlinearity	±0.02% F.S
Usage temperature range	-10°C ~ 60°C
Humidity	Less than 80% RH (no dew condensation)
Supply power	AC 24V 0.15A

>DIMENSIONS

unit:mm



>Model GTSA-16

This amplifier has strain measurement and analog output function and more various functions and easy operation by built-in 5.6" TFT screen. Various signals from sensors are inputted and carry out an operation and indicate them to LCD screen and output analog signal ±10V.

■Feature

- Real data value and out voltage can be checked.
- Kind of sensor, sensor spec, decimal points can be setted by touch screen.
- No need bridge box by Built-in 120Ω, 350 bridge circuit.
- 19" rack (3U) can be intalled.
- D/A offset and D/A span can be setted.
- 2channels per slot type
- Use both roud type connector or 5p Screw connector

>SPECIFICATIONS

Specifications	Accuracy
Number of channel	Max. 16 Channels (2, 4, 6, 8, 10, 12, 14)
Display	5.6" TFT touch LCD
Measure frequency	10kHz
Analog Output Hz	10kHz
Input sensors	1Gage & 2gage : 120Ω, 350Ω 4 Gage bridge sensor : 0.5mV/V - 100mV/V Potentiometer type sensor Voltage output type sensor ±10V
Strain input range	Gain 1000 : ±10,000 [uStrain] Gain 100 : ±100,000 [uStrain] Gain 10 : ±1,000,000 [uStrain]
Low Pass Filter	Selectable 10Hz, 100Hz, 1kHz by program
EXC Voltage	Selectable 2Volt, 5Volt, 10Volt by Program
A/D conversion	16bit 10,000 times/sec
D/A conversion	16bit 10,000 times/sec
Dimension	450(W) × 132(H) × 280(D) mm, 19" rack 3U size
Power	Free voltage AC85~264V, 50~60Hz

★Specifications are subject to change without notice.