



Series DSA1, DSA2, DSA3 *Features*



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

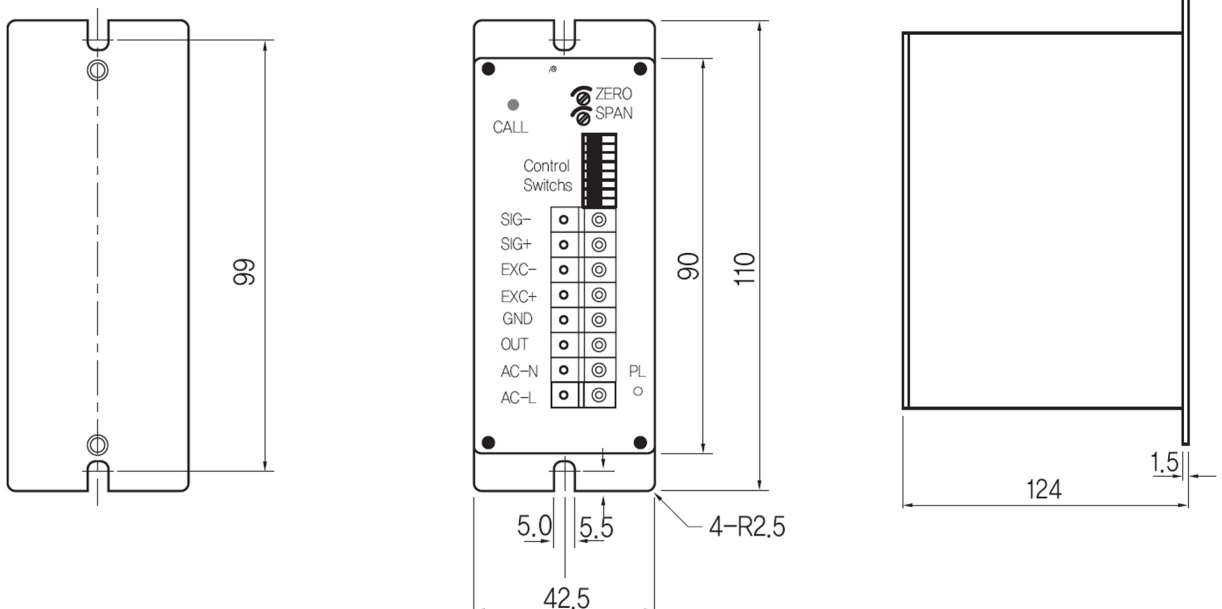
It is used for strain gauge applied sensors, and amplification of lvdt and mV output sensor.

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

SPECIFICATIONS

Specifications	DSA1	DSA2	DSA3
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
Sensitivity 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



* Specifications are subject to change without notice