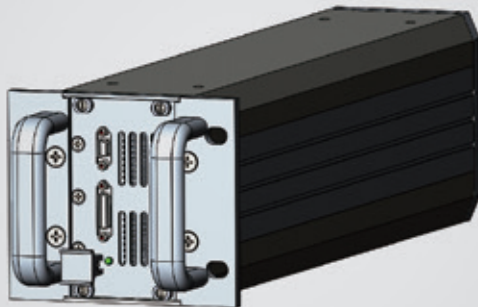


8 Channels | E82.A8K

Piezo Amplifier



Introduction

E80.A8K outputs -20~150V voltage, and has 8 channels output. It's a open-loop piezo amplifier, and suitable for driving capacitive loads, like PZTs.

Characteristics >>

- 8 channels output
- Analog input control
- Output -20~150V
- Easy to installation

Applications >>

- Driving piezo actuator
- Driving piezo nanopositioning stage
- Driving piezo objective scanner
- Driving piezo shifter
- Driving FTS fast tool positioner
- Driving piezo scanning platform
- Driving capacitive load



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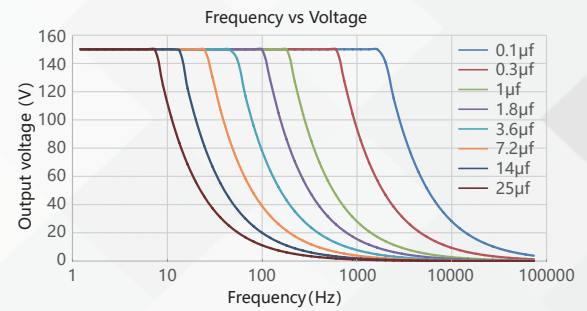
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Technical Data >>

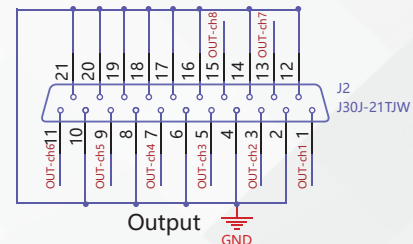
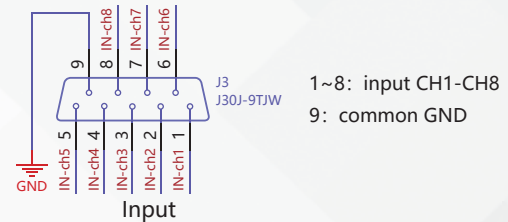
Type	E82.A8K
Channels	8
Output voltage range(V)	-20~150
Output voltage resolution(mV)	< 5/channel
Control mode	Analog input
Analog input voltage(V)	-0.67~5
Ave. output power(W)	3/channel
Ave. current(mA)	30
Peak current(mA)	300
Output bandwidth(kHz)	75(unloaded, 10V)
Output ripple(mV)	< 20
Power supply	DC 28V 2A
Power interface	WS20J2
Operating temperature(° C)	-20~+40
Analog input connector	J30J-9TJW
Voltage output connector	J30J-21TJW
Output protection	Current limit/over-current /over-temperature proof
Size(mm)	330.7×89×103.2
Mass(kg)	2

Curves >>

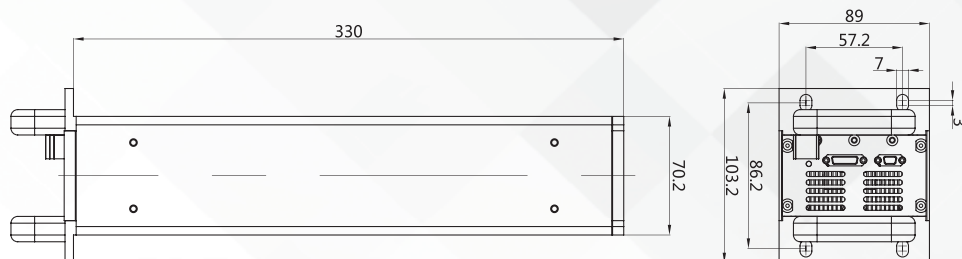


Disclaimer: The data here are typical, only for reference. Some variations will occur for different batch.

Pin Definition >>



Drawing >>



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