

Piezo Linear Driver Controller



Feature

- Analog control interface
- RS232 communication interface
- 3kHz control signal frequency
- 150V voltage drive output
- Short-circuit/overvoltage protection

Description

Piezo linear driver controller

The A-101 series piezo driver controller employs digital control to enable open-loop motion control of piezo actuator products.

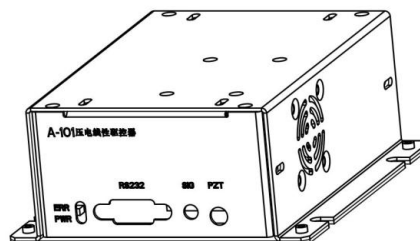
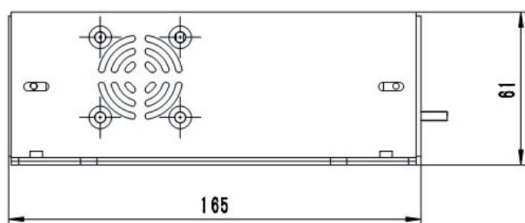
Control modes

Supports analog interface control signals and RS232 communication for power amplification drive output. Built-in short-circuit/overvoltage protection. Front panel status/error indicator lights.

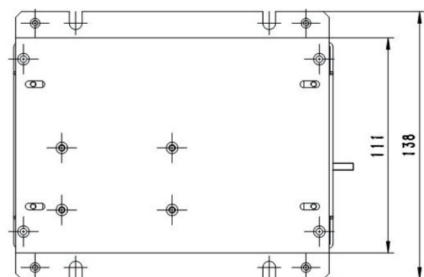
Applications

- Precision semiconductor equipment
- Piezoceramic driving
- Nano high-frequency motion control

Interface Definition



Interface Definition(Continued from previous page)



Applicable model:A-101.20H

Unit:mm

Technical Specifications

Basics	A-101.20H	Unit
Function	1-channel piezo linear driver controller	
Number of Channels	1	
Output voltage	0-150	V
Signal frequency	DC-3 kHz	
Peak power / channel	90	W
Average output power / channel	30	W
Peak current / channel	605	mA
Average output current / channel	193	mA
Interfaces and operations		
Analog control interface	SMB, analog voltage input: 0~10V	
PZT interface	ZPL.00S.250.NTN	
Communication interface	RS232, D_SUB 9 female connector	
Support function	Point-to-point motion	
Miscellaneous		
Operating voltage	DC 24 V	
Maximum power consumption	70	W
Operating temperature range	5~50	°C
Dimensions	162×138×61	mm×mm×mm
Net weight	0.6±0.1	Kg

Customization Information

A-101 Series Piezo linear driver controller

Type	Feature
A-101.20H	1-channel piezo linear driver controller, open Loop, analog control/RS232 communication interface