

7 Channels | E00.D10AL

Piezo Servo Controller



Characteristics >>

- 0~120V output
- Bandwidth to 10kHz
- Closed-loop servo control
- 7 channels output, containing one constant voltage output

Applications >>

- Driving 6-Axis Piezo Tilt Stage
- Driving Piezo Nanopositioning Stages, etc.

Introduction

E00.D10AL Piezo Controller is designed for driving 6-axis piezo tilt stage with 7 channels output that contains one constant voltage output. It can be controlled by analog or digital signals and it can communicate with the software control through the RS-422 serial port.



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Technical Data >>

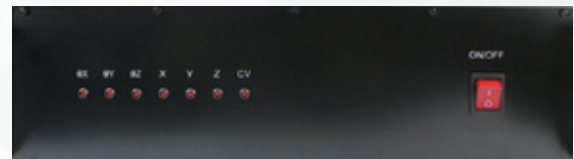
Type	E00.D10AL
Channels	7, containing 1 constant voltage output
Analog input(V)	0~10
Output voltage(V)	0~120
Ripple(mV)	5
Unloaded bandwidth (kHz)	10
Ave. Current(mA)	291
Peak current(A)	1
Control input interface	BNC
Sensor type	SGS or (LVDT、CAP)
Servo	Analog P-I +Notch filter
Sensor interface	DB15HD
Sensor output voltage(V)	0~10
Computer interface	RS-422
Baud rate	9600、19200、38400、57600、76800、115200、128000、230400、256000、5250000
Output wave frequency(Hz)	10
I/O interface	SMB
Operating temperature(° C)	0~50
Power supply	AC 220V±10%, 50Hz±10%
Current limit	Short-circuited proof
L×H×D(mm)	449×134×315

Driving 6-Axis Piezo Tilt Stage >>



Front & Rear Panel >>

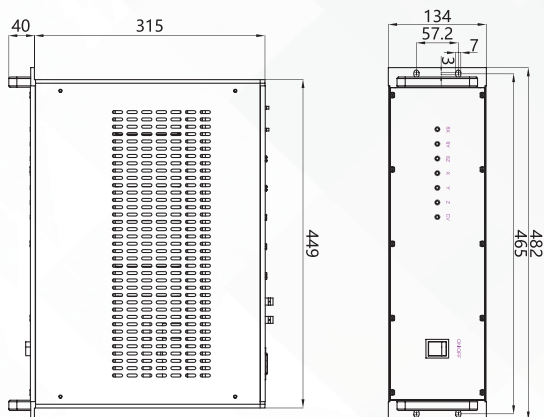
Front panel



Rear panel



Drawing >>



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