

4 Channels | E80.D4S

Piezo Controller



Introduction

E80.D4S piezo controller outputs high voltage to 800V. The output voltage can be controlled by analog and digital signal.

Characteristics >>

- 4 channels
- Output 0~800V
- Peak current to 100mA/channel
- Integrated charge amplifier, readed by PC

Applications >>

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



Harbin Core Tomorrow Science & Technology Co., Ltd.

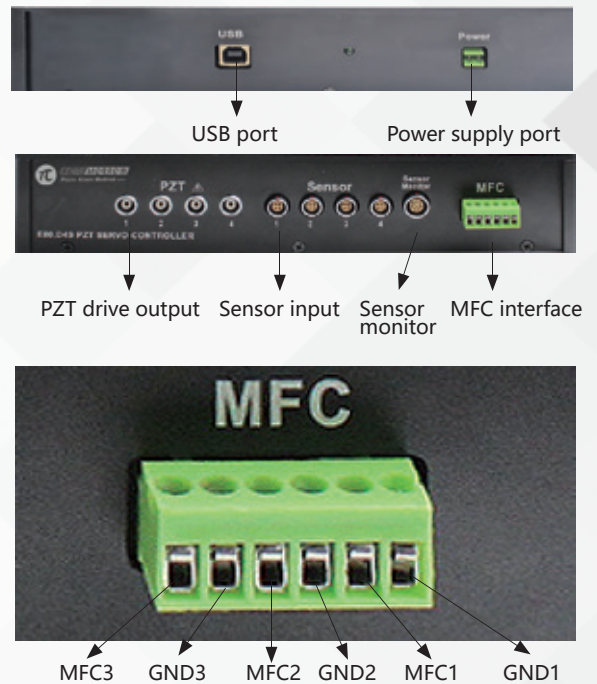
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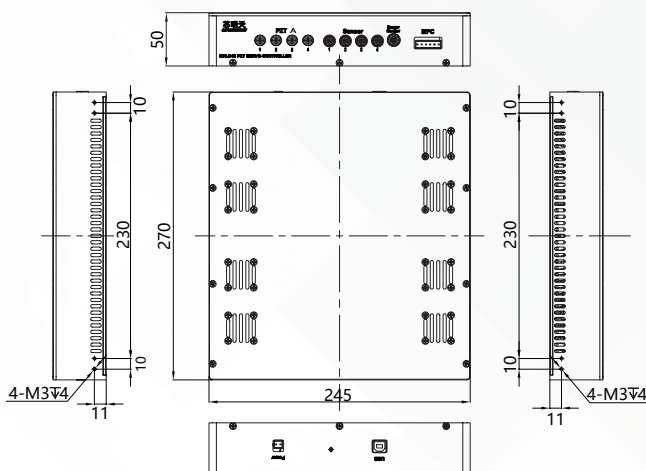
Technical Data >>

Type	E80.D4S
Function	Piezo controller
Channels	4
Nominal analog input(V)	0~10V
Nominal output voltage(V)	0~800V
Peak current(mA)	100/channel
Ave. current(mA)	20/channel
Bandwidth(Hz)	1k/channel
Ripple(mV)	200
PZT connector	ERA.0S.116.CTL
Input connector	USB-B
Sensor type	SGS
Servo	Analog P-I
Sensor input connector	EPG.0B.304.HLN
Sensor output connector	EPG.0B.308.HLN
Communication	USB-B
D/A converter	16 bit
A/D converter	16 bit
Operating temperature(°C)	-30~+65
Storage temperature(°C)	-50~+70
Humidity	Max: 80%,30°C; Minimum: 50%,40°C
Output short-circuited current(mA)	20
Static power(W)	74
Size(mm) (L×H×D)	270×245×50
Mass(kg)	1.66
Power supply	28V/10A
Power interface	HT396-2P

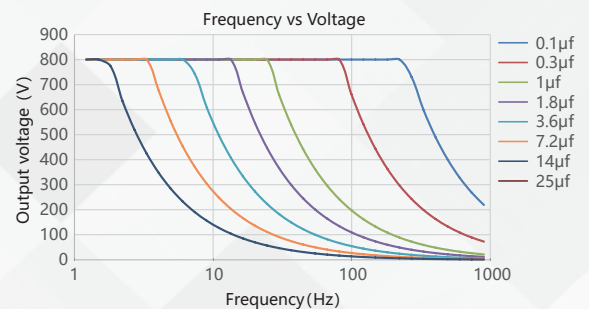
Panel Introduction >>



Drawing >>



Curves >>



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



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