

26~156 channels | E80.D

Modular Piezo Controller



Characteristics >>

- 26~156 channel output
- Output voltage -20~120V
- Computer software control
- Customizable

Applications >>

- Phased array antenna
- PZT fiber phase modulation
- Deformable mirror
- Adaptive optics

Introduction

E80 series modular piezo controller is developed and designed for driving large quantities of PZT piezo actuators and piezo deformable mirror products. It has up to 156 output channels and can be controlled by CoreMorrow software via the Ethernet port with servo control function.



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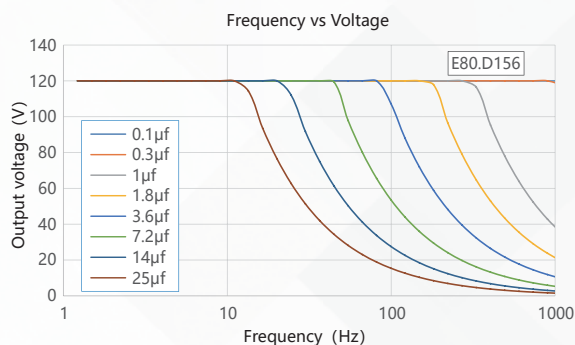
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Technical Data >>

Type	E80.D26	E80.D52	E80.D78	E80.D104	E80.D130	E80.D156
Channels	26	52	78	104	130	156
Output voltage (V)	-20~120(Optional -20~150)					
Resolution (mV)	5	5	5	5	5	5
Voltage ripple (mV)	10(RMS)	10(RMS)	10(RMS)	10(RMS)	10(RMS)	10(RMS)
Single-channel average current (mA)	30	30	30	30	30	30
Single-channel peak current (mA)	180	180	180	180	180	180
Bandwidth (kHz)	1	1	1	1	1	1
Protection	Overcurrent protection					
Output interface	J14A-74ZK1B(Optional)					
Sensor type	SGS	SGS	SGS	SGS	SGS	SGS
Servo	Analog P-I	Analog P-I	Analog P-I	Analog P-I	Analog P-I	Analog P-I
Sensor connector	J14A-74ZJ1B(Optional)					
Communication Interface	Ethernet					
AD acquisition	Software interface display					
Supply voltage	220V AC	220V AC	220V AC	220V AC	220V AC	220V AC
Power interface	JY27466T13E03SN-H					
Input power (W)	220 (Static use 85)	435 (Static use 170)	650 (Static use 250)	870 (Static use 335)	1085 (Static use 420)	1300 (Static use 500)
Weight (kg)(Adapter not included)	4	7.5	11	15	18.5	22
Size (mm)	standard 3U W238×H134×D545		standard 3U W360×H134×D545		standard 3U W482×H134×D545	
Temperature (°C)	0~+40	0~+40	0~+40	0~+40	0~+40	0~+40

Curves >>

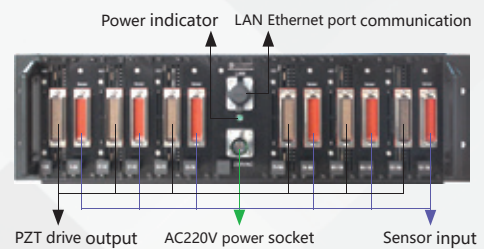


Disclaimer: The data here are typical, only for reference. Some variations will occur for different batch.

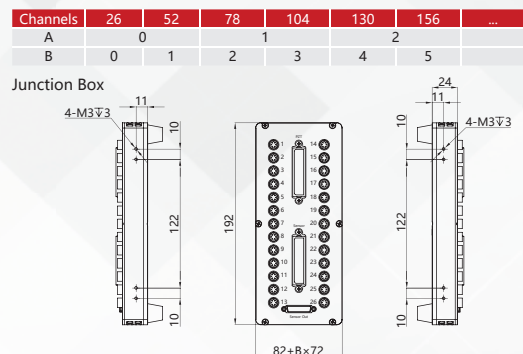
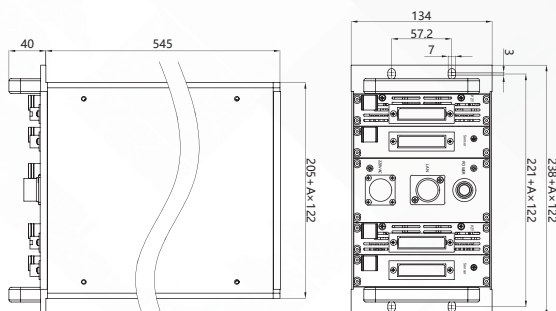
Adapter connector >>



Panel Interface >>



Drawing >>



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