

1 Channel | E53.D1E-J

Piezo Motor Servo Controller



Introduction

E53.D1E-J Piezo Motor Servo Controller is designed for driving CoreMorrow 360 ° piezo rotation motor, its bandwidth is 10kHz, and features small size.

Characteristics >>

- Single channel
- Small size
- 24VDC/1A(20~30V) power supply
- Easy to integration
- Servo control

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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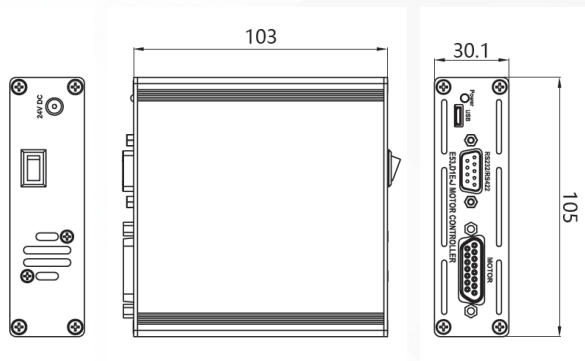
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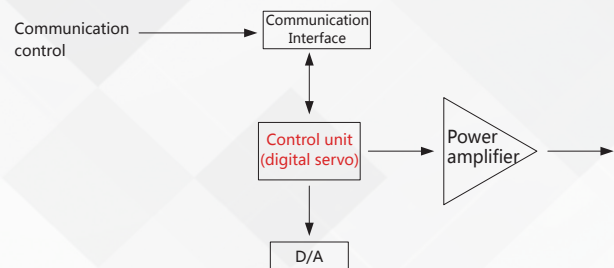
Technical Data >>

Type	E53.D1E-J	Unit
Servo control	Servo control	
Input supply	24VDC/1A(20~30V)	
Static dissipation	<5	W
Master control		
Processor	32bit 168MHz	
D/A converter	16bit	
Communication interface	USB, RS-422, RS-232	
Protection		
Rated output	9	W
Operating temperature	0~50	°C
Output short-circuited current	60	mA
Appearance		
PZT connector	DB15	
Communication connector	DB9, MicroUSB	
Size	105×103×30.1	mm
Mass	0.35	kg

Drawing >>



Driving Principle >>



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