

1 channel | E53.D1E/C1K-J

Piezo Controller for Piezo Motor



Introduction

E53.D1E/C1K-J Piezo Motor Servo Controller is designed for driving CoreMorrow 360° piezo rotation motor, digital control, and features small size.

Characteristics >>

- Digital control
- Single channel output
- Servo control or open loop
- Suitable for driving piezo motor

Applications >>

- For driving linear piezo motor
- For driving angular piezo motor
- For piezo motor



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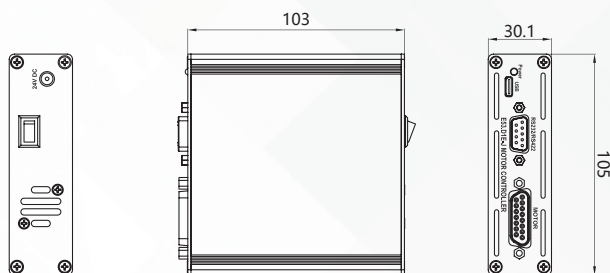
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Technical Data >>

Types	E53.D1E-J	E53.C1K-J	Units
Servo control	Servo control	Open loop	
Input supply	24VDC/1A(20V~30V)	24VDC/1A(20V~30V)	V
Static dissipation	<5	<5	W
Processor	32bit 168MHz	32bit 168MHz	
D/A converter	16bit	16bit	
Communication interface	TYPE-C、RS-422、RS-232	TYPE-C、RS-422、RS-232	
Rated output	9	9	W
Operating temperature ^[1]	0~50	0~50	°C
Output short-circuited current	60	60	mA
PZT connector	DB15	DB15	
Communication connector	DB9, TYPE-C	DB9, TYPE-C	
Size	105×103×30.1	105×103×30.1	mm
Mass	310	310	g±5%

Note: Unless otherwise specified, the above parameters are measured at room temperature about 25° C.

[1] Custom ultralow temperature and ultrahigh vacuum versions are available.

Drawing >>


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