

4 Channels | E71.D4E/C4K-H

Piezo Controller for Piezo Motor



Characteristics >>

- 4 channels
- Computer software control
- USB, RS-422, RS-232 communication
- Suitable for driving piezo motor

Applications >>

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

Introduction

E71.D4E/C4K-H piezo motor controller is a small-size, high-power, low-power, low-ripple 4-channel piezo motor controller developed by CoreMorrow for the control of linear or angular piezo motor stage. E71.D3E-J is servo version, and E71.C3K-J is open-loop version. The controller uses DC24V power supply, uses USB, RS-422, RS-232 communication interfaces, and is controlled by upper computer software.



Harbin Core Tomorrow Science & Technology Co., Ltd.

Tel: +86-451-86268790

Email: info@coremorrow.com

Headquarters: Building I2, No.191 Xuefu Road, Nangang District, Harbin

Fax: +86-451-86267847

Web: www.coremorrow.com

Shanghai Office: Building 2, No.608 Shengxia Road, Pudong District, Shanghai

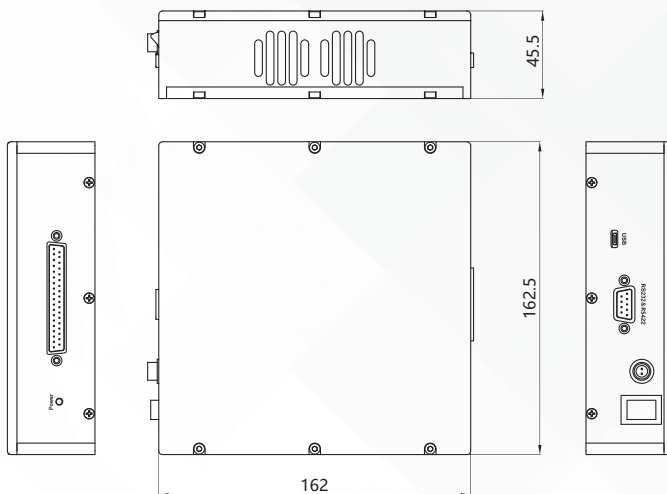
Technical Data >>

Type	E71.D4E-H	E71.C4K-H	Units
Servo control	Servo control	Open loop	
Power supply	24VDC/4A(20V~30V)	24VDC/4A(20V~30V)	
Static power consumption	<10	<10	W
Processor	32bit 168MHz	32bit 168MHz	
D/A converter	16bit	16bit	
Serial port baud rate	115200	115200	
Communication Interface	USB, RS-422, RS-232	USB, RS-422, RS-232	
Peak current	1	1	A
Average current	75	75	mA
Ripple	10 (@2.2μF)	10 (@2.2μF)	mVpp
Rated output power	50	50	W
Operating temperature range	0~50	0~50	°C
Output short-circuit current	60	60	mA
PZT connector	DB25	DB25	
Communication connector	DB9, MicroUSB	DB9, MicroUSB	
Size	162.5×162×45.5	162.5×162×45.5	mm ³
Mass	1.3	1.3	kg

Remarks:

[1] Custom is available.

[2] Custom cable length and connector ara available.

Drawing >>

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