

1 Channel | XE-650.CA

Piezo Controller



Introduction

XE-650.CA piezoelectric controller is a small-volume single channel piezo driver with -20~120V output voltage and open-loop/servo control.

Characteristics >>

- 1 channel
- Small size
- Output -20~120V
- Servo or open-loop control

Applications >>

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



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

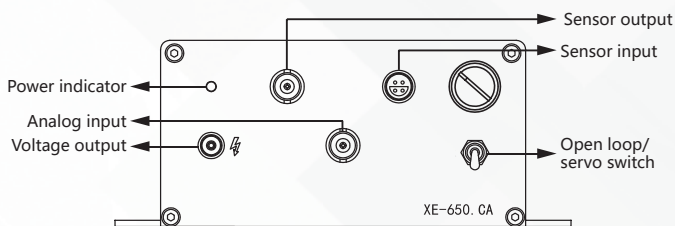
Web: www.coremorrow.com

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

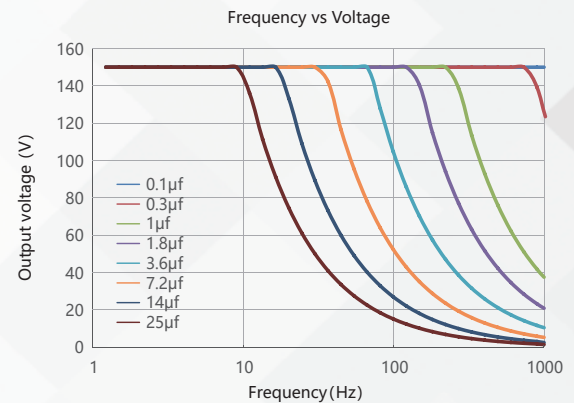
Technical Data >>

Type	XE-650.CA
Functions	Analog servo controller
Output channels	1
Control analog input(V)	-1.67~10
Output voltage range(V)	-20~120 (optional -20~150)
Peak current(mA)	150
Ave. current(mA)	50
Bandwidth(kHz)	1
Output ripple(mVpp)	20
PZT output connector	ERA.00.250.CLL
Analog input connector	BNC-50KY female
Control mode	Analog input, knob adjustment
Sensor type	SGS
Servo characteristics	Analog P-I+notch filter
Sensor connector	ERA.0S.304.CLL
Sensor monitoring connector	BNC-50KY female
Operating temperature(°C)	0~50
Size(mm)	L147×W61×D141
Mass(kg)	1.3
Power supply	220VAC 50Hz±10%

Panel Introduction >>

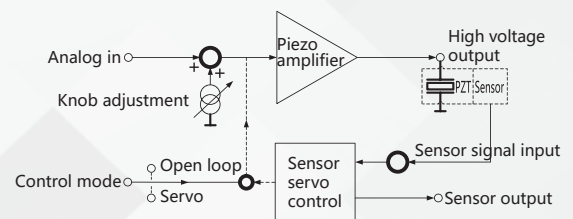


Curves >>



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

Driving Principle >>



Harbin Core Tomorrow Science & Technology Co., Ltd.

Tel: +86-451-86268790 Email: info@coremorrow.com
Fax: +86-451-86267847 Web: www.coremorrow.com

Headquarters: Building I2, No.191 Xuefu Road, Nangang District, Harbin
Shanghai Office: Building 2, No.608 Shengxia Road, Pudong District, Shanghai