◆◇ Single-Axis PMNL Piezo Motor Controller

Features

■ Function:

  1)Support 1-axis PMNL piezo motor
     open-loop driving

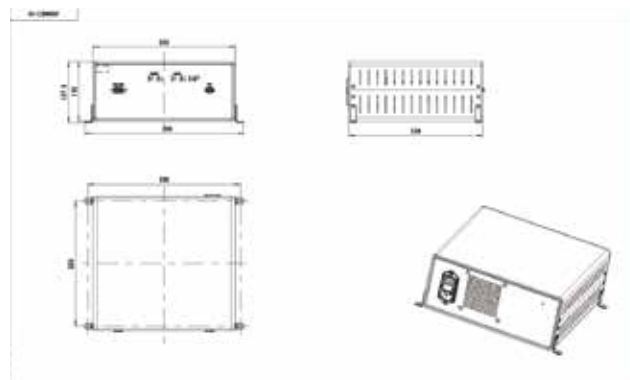 2)Two driving mode: full-step/ analog control

■ Interface:

  1)Communication interface: RS-485 port,
     support Modbus RTU protocol

  2)Motor interface: 6-Pin circular connector

Description

B-601.30 controller supports PMNL series piezo motor open-control, including two working-mode:
full-step and analog control.
Long travel range could be achieved by step number control from host PC under full-step mode.
Driving voltage control could provide fine positioning under analog mode.The motion velocity setting
is depent on driving frequency.

Interface Definition

Technical Specifications

Basics	B-601.30	Unit
Function	Controller for PMNL series piezo motor	
Channels	one	
Power supply	AC 220	V
Max. output voltage	±230	V
Max. output current	70	mA
Interfaces and operations		
Communication interface	RS485	
Motor interface	1B straight plug with 6-pin circular connector (female) used for the motor	
Output interface	1-axis analog output	
Command set	Modbus command set	
User software	PMNL Motor Controller	
Miscellaneous		
Operating voltage	AC 220	V
Max. power consumption	60	W
Operating temperature range	5~50	℃
Mass	8.5	kg
Dimensions	328×265×175	mm×mm×mm