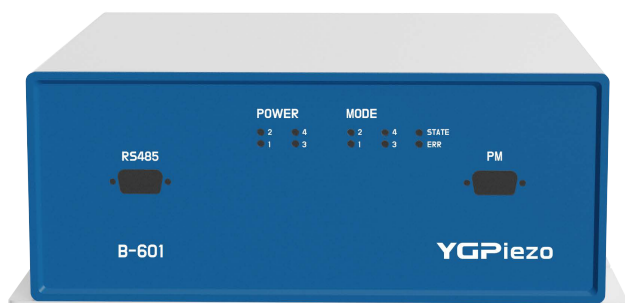


Piezo Motor Servo Controller



Features

- Single-channel piezo motor open-loop control
- Digital communication control

Description

Digital single-channel micro-stepping motor controller

Supporting open-loop control of PMNL series piezo motors of YINGUAN Company with multiple motor control modes, including full-step mode, analog drive mode.

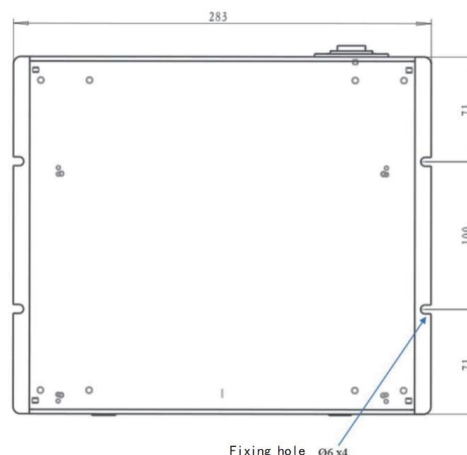
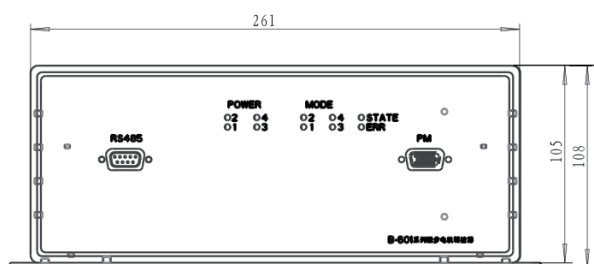
Digital communication control

Providing RS-485 communication interface, with Modbus RTU protocol. The efficient and multi-function command set can meet the high-performance motion control of micro-step motors and real-time monitoring of the driver status.

Applications

- Lens precision adjustment
- Precision semiconductor equipment
- Precision electron microscope adjustment
- Precision medical testing equipment

Interface Definition



Technical Specifications

Basics	B-601.30	Unit
Function	piezo motor open-loop controller	
Motor Channels	1	
Amplifier		
Amplifier channels/motor	3	
Output voltage	-230 ~ 230	V
Peak power / channel	45	W/channel
Average power / channel	15	W/channel
Peak current / channel	180	mA
Average current / channel	60	mA
Interfaces		
Communication Interfaces	RS-485, Modbus RTU	
Drive output interface	HD-Sub15 Female	
Miscellaneous		
Operating power	220 V AC / 50Hz	
Maximum power consumption	200	W
Operating temperature range	5 ~ 50	°C
Dimensions	250 × 105 × 230	mm×mm×mm

Customization Information

B-601 series piezo motor open-loop controller

Type	Feature
B-601.3B	1-channel PMNL motor controller, open loop, RS-485