BD Micro Pump Accessories Series

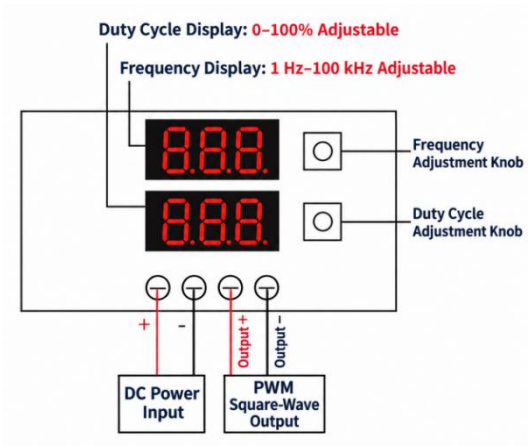
PWM Controller

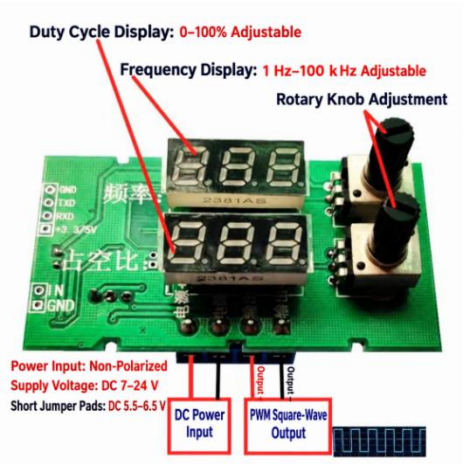
The BD-P1 is a digital PWM signal generator designed for testing and adjusting the speed of compatible brushless DC pumps. PWM frequency and duty cycle can be adjusted independently using two rotary knobs, with real-time values shown on the digital displays.



Technical Specifications	
Model	BD-P1
Supply Voltage	7-24V
Frequency Range	1 Hz–100 kHz, adjustable
Duty Cycle Range	0–100%, adjustable
PWM Output Amplitude	Equal to the controller supply voltage
Output Drive Current	Approx. 5 mA
Adjustment Method	Dual rotary potentiometers
Display	Digital frequency and duty-cycle display
Enclosure Dimensions	Approx. 79 × 42 × 34 mm
Weight	Approx. 32 g
Compatible Pumps	Brushless DC pumps with a compatible PWM control input

Wiring Diagram





Dimensional Outline Drawing （Unit:mm）

