



BTC Pneumatic Controller

The BTC Pneumatic Controller is a four valve, pneumatic control unit capable of controlling a variety of combinations of pressure and vacuum for various applications. The device features lightweight, high frequency valves, precision sensors and a variety of input options for precise, simple control.

The flexible design allows inputs via digital, analog, PWM, or serial. The standard design provides one positive pressure output, one negative pressure output and one variable pressure output using only one compressor, suitable for a wide variety of applications such as actuators, brakes, landing gear, animatronics, shock dampers and other pneumatic devices. BTC is also capable of designing and producing custom variants to meet your specific needs.

The device can be programmed at the factory or by the user to apply pressure or vacuum in specific ranges and apply a variety of logic features, for example, to apply pressure to a landing gear to 25 to 26 psi, and only apply a variable pressure to a brake when the gear is in this range.

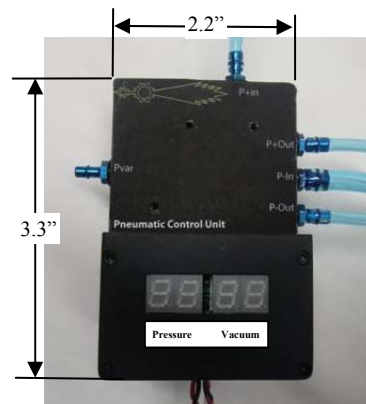
Related Product: BTC -30PSI: Lightweight (125g), brushless air compressor suitable for aircraft use, and provides +30/-10psi.

Specifications:

- 5 to 30 volt operation
- Simple USB configuration with interface GUI
- PWM, digital, analog or serial control
- Pressure range: 1 to 44psi, absolute (-13.7 to 30 psi, gauge)
- Power draw: 5W absolute maximum, 2W maximum continuous, 1W typical continuous
- Flow rate: 20slpm @ 20psi, 8slpm @ 5psi
- Weight – 170g



Side View



Top View