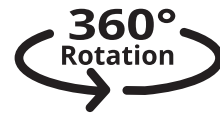


360° Continuous Rotation Servo

Gear motor for Arduino and Raspberry-Pi robotics projects.

Typical use: Model aircraft, cars and robots.

A continuous servo rotates forward or backwards instead of moving to a given position. Bidirectional rotation - pulse duration determines the speed and direction of rotation.



- Item no: 90770
- Model no: DS04-NFC
- Weight: 38g.
- Torque: 5,5 kg/cm (54 Ncm) (at 4,8 V).
- Speed: 0,22 sec/60° ≈ 45 rpm (at 4,8 V).
- Linear response to PWM (0-45 RPM) for easy ramping
- Operating voltage: 4,8-6 V.
- Operating temperature: -10 to 50 °C.
- Current: < 1000 mA.
- Cable length: 290 mm.
- Connector type: JR / Futaba
- Breadboard friendly connector 2,54 mm pitch.
- Connector wire gauge: 28 AWG.
- Control system: PWM (Pulse Width Modulation)
- Counterclockwise rotation: 1-1,5 ms
- No rotation (stop): 1,5 ms
- Clockwise rotation: 1,5-2 ms
- Pulse Frequency / Duty cycle: 50 Hz / 20 ms square wave

