

S3003 Standard Servo

Servo motor for Arduino and Raspberry-Pi robotics projects.
 Typical use: Model aircraft, cars and robots.
 Rotates forward or backwards to a given position.
 Bidirectional rotation - pulse duration determines the direction.

Ref. 108.MT0025

Model no: S3003
 Weight: 38g.
 Rotation Angle: 180°
 Torque: 3,2 kg/cm (31 Ncm) (at 4,8 V).
 Torque: 4,1 kg/cm (40 Ncm) (at 6 V).
 Speed: 0,23 sec/60° (at 4,8 V).
 Speed: 0,19 sec/60° (at 6 V).
 Linear response to PWM for easy ramping.
 Operating voltage: 4,8-6 V.
 Operating temperature: -10 to 50 °C.
 Current idle: 7.2mA at 4.8 V, 8 mA at 6 V.
 Current max: < 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)
 Pulse Frequency / Duty cycle: 50 Hz / 20 ms square wave
 Direction w/ Increasing PWM Signal: Counter Clockwise

