



TinkerKit!

TinkerKit Micro Servo Module



Overview

The Micro Servo Module is a high quality micro servo with the standard TinkerKit 3pin connector to be plugged in the Sensor Shield. The best choice to add Robotics & Mechatronics to your project.

Servos are composed of an electric motor mechanically linked to a potentiometer. Arduino controls the Servo using the [Servo Library](#). The electronics inside the servo translate the width of the pulse into a position. When the servo is commanded to rotate, the motor is powered until the potentiometer reaches the value corresponding to the commanded position.

Module Description:

| | |
|-----------------|--------------------------------|
| Modulation | Analog |
| Torque | 5V (1.00 kg-cm) |
| Speed | 5V 0.12 sec/60° |
| Weight | 9g |
| Dimensions | L 22.2mm / W 11.6mm / H 21.5mm |
| Rotation Angle | 180° |
| Connectore Type | TinkerKit |

Reference

[Servo Library](#)