



## 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 <u>Servo Library</u>. 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