

Linear Pot

A **Linear Potentiometer** is a commonly used variable resistor. It can often be found as a volume controller on radios and TVs. By moving the slider you can vary the output voltage between 0 and 5V. This value is sent through the middle pin of the pot.

Output: This module outputs 5v when the slider is at one end and 0v when moved in the opposite way. When connected to an input on the Arduino using the TinkerKit Shield, you can expect to read values going from 0 to 1023.

Module Description: this module features a 4k7 Ohm linear potentiometer, a signal amplifier, the standard TinkerKit 3pin connector, a green LED that signals that the module is correctly powered and a yellow LED whose brightness changes according to the position of the potentiometer.

This module is a **SENSOR**. The connector is an **OUTPUT** which must be connected to one of the **INPUT** connectors on the **TinkerKit Shield**.

