Analog Slide Position Sensor (SKU: DFR0053)

Contents

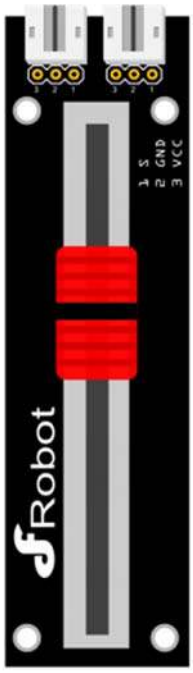
Introduction

The *DFRobot Slide Position Sensor* is based on straight-slip potentiometer position sensor and can be combined easily with the Arduino sensor expansion board. The sensor includes two outputs to allow the user to average the values and minimize random sensor fluctuations.

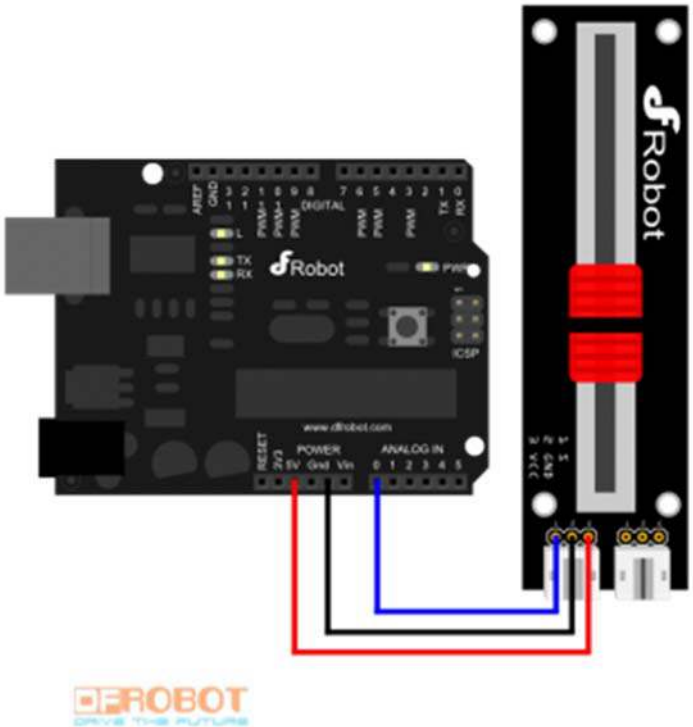
Specification

- Interface Type: Analog
- Compatible with the Arduino sensor expansion board
- Voltage: +5 V
- Size: 86X22.5mm
- Weight: 15g

Pin Definition



Connection Diagram



Analog sensor connection diagram

Sample Code

```
// # Editor     : Lauren from DFRobot
// # Date       : 30.12.2011

// #
// # Editor     : Lauren from DFRobot
// # Date       : 17.01.2012

// # Product name: Rotation Sensor v1/v2 or Analog Slide Position Sensor
// # Product SKU : DFR0054/DFR0058/DFR0053
// # Version     : 1.0

// # Description:
// # the sample to drive some analog sensors

// # Connection:
// #        Signal output pin  -> Analog pin 0
// #



void setup()
{
  Serial.begin(9600);     //Set serial baud rate to 9600 bps
}
void loop()
{
  int val;
  val=analogRead(0);      //Read slider value from analog 0
  Serial.println(val,DEC);//Print the value to serial port
  delay(100);
}
```