

Arduino Gas Sensor Module for Sensor Shield

Description:

This Arduino Gas Sensor is capable of detecting various gases. It can detect smoke, methane, carbon dioxide and other gases. This arduino-compatible special sensor raise alarms when the smoke, methane or any other harmful gas leaks in its reach.

- Arduino gas sensor
- Detects smoke, methane, carbon dioxide and other gases
- Gives alarms when the smoke/gas leaks
- Power supply needs: 5V DC

Building interactive work is as easy as piling bricks, just plug it to our Sensor Module with a buckled cable, and make it looks professional and neat.

Example code:

```
int sensorPin = 0; // select the input pin for the sensor
int ledPin = 13; // select the pin for the LED
int val = 0; // variable to store the value coming from the sensor
void setup() {
  pinMode(ledPin, OUTPUT); // declare the ledPin as an OUTPUT
  Serial.begin(9600); // initialize serial communication with computer
}
void loop() {
  val = analogRead(sensorPin); // read the value from the sensor
  Serial.println(val); // send it to the computer (as ASCII digits)
  digitalWrite(ledPin, HIGH); // turn the ledPin on
  delay(100); // stop the program for some time
  digitalWrite(ledPin, LOW); // turn the ledPin off
  delay(100); // stop the program for some time
}
```

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