mlx90614 sensor

MLX90614 Module Pinout
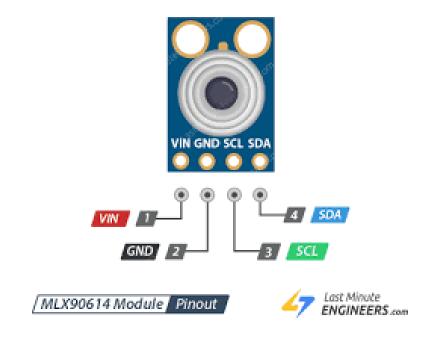
object temperature and an ambient temperature

Accuracy: ±0.5°C (around room temperatures)

Resolution: ±0.2°C

Distance between object and sensor: 2cm-5cm

Code to Arduino:

```cpp
#include <Wire.h>
#include <Adafruit_MLX90614.h>
Adafruit_MLX90614 mlx = Adafruit_MLX90614();

void setup() {
  Serial.begin(9600);
  Serial.println("Adafruit MLX90614 test");
  mlx.begin();
}

void loop() {
  Serial.print("Ambient = "); Serial.print(mlx.readAmbientTempC());
  Serial.print("*C\tObject = "); Serial.print(mlx.readObjectTempC());
Serial.println("*C");
  Serial.print("Ambient = "); Serial.print(mlx.readAmbientTempF());
  Serial.print("*F\tObject = "); Serial.print(mlx.readObjectTempF());
Serial.println("*F");
  Serial.println();
  delay(500);
}
```

Ref

https://create.arduino.cc/projecthub/infoelectorials/project-014-arduino-mlx90614-infrared-temperature-sensor-a48bba