Sensor CO2

Conexões: 19 – A9

18 – A8

17 – 5V

16 – GND

#include <SoftwareSerial.h>

SoftwareSerial SerialCom (A9,A8);

int myDelay = 2000;

byte addArray[] = { 0xFF, 0x01, 0x86, 0x00, 0x00, 0x00, 0x00, 0x00, 0x79 };

char dataValue[9];

String dataString = "";

void setup(){

Serial.begin(9600);

SerialCom.begin(9600);

Serial.println("MH-Z14 C02 Sensor Test Code");

Serial.println("------------------------------------");

}

void loop() {

SerialCom.write(addArray, 9);

SerialCom.readBytes(dataValue, 9);

int resHigh = (int) dataValue[2];

int resLow = (int) dataValue[3];

int pulse = (256\*resHigh)+resLow;

dataString = String(pulse);

Serial.print("PPM: ");

Serial.println(pulse);

delay(myDelay);

}

<http://domoticx.com/arduino-co2-sensor-mh-z14/>