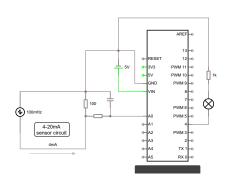


Arduino 4-20mA sensor

By step



Sample of connecting a 4-20mA sensor to an Arduino through a simple shunt resistor. Also includes a capacitor for low pass filtering of noisy input signals.

```
void setup()
{
    Serial.begin(9600);
    pinMode(A0, INPUT);
    pinMode(4, OUTPUT);
    digitalWrite(4, HIGH);
}

void loop()
{
    int r = analogRead(A0);
    Serial.print("A0: ");
    Serial.println(r);

    if( r > 200 ) {
        digitalWrite(4, HIGH);
    } else {
        digitalWrite(4, LOW);
}
```

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```
}
delay(100);
}
```

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