

Čidlo překážky

```
/*  
IR Proximity Sensor interface code  
Turns on an LED on when obstacle is detected, else off.  
blog.circuits4you.com 2016  
*/  
  
const int ProxSensor=2;  
void setup() {  
  // initialize the digital pin as an output.  
  // Pin 13 has an LED connected on most Arduino boards:  
  pinMode(13, OUTPUT);  
  //Pin 2 is connected to the output of proximity sensor  
  pinMode(ProxSensor,INPUT);  
}  
  
void loop() {  
  if(digitalRead(ProxSensor)==HIGH) //Check the sensor output  
  {  
    digitalWrite(13, HIGH); // set the LED on  
  }  
  else  
  {  
    digitalWrite(13, LOW); // set the LED off  
  }  
  delay(100); // wait for a second  
}
```

