Gikfun

Turn your great idea into reality

Gikfun Inc focus on electronic design, development and marketing of Arduino.

We'd like to receive your valuable suggestions for our products and make your idea come true.

Product Specification:

- The output port OUT sensor module can be directly connected to the microcontroller IO port , you can directly drive a 5V relay ;
- The module detects the distance 2 -30cm, detection angle 35 ", the distance can detect potential is adjusted Can be used for 3-5V DC power supply modules
- When the power is turned on, the red power indicator light
- Using the comparator LM393

- Interface :
- 1. VCC: External 3.3V-5V voltage (can be directly connected to 5v MCU and 3.3v MCU)
- 2. GND: GND External
- 3. OUT: Small board digital output interfaces (0 and 1)

Warm Tips:

The light sensor module have strong adaptable to the environment, having a pair of infrared transmitter and receiver, transmitter launch a certain frequency infrared, when meet obstacle in the detection direction, the infrared receiver is reflected back by the receiver tube, after processing through the comparator circuit, the green indicator light will illuminate while the signal output interface output digital signal (a low-level signal) can be adjusted via potentiometer knob detection distance, the effective distance range 2 – 30cm, working voltage is 3.3V-5V. The detection range of the sensor can be adjusted by the potentiometer, with little interference, easy to assemble, easy to use features, can be widely used robot obstacle avoidance, obstacle avoidance car assembly line count and black-and-white line tracking.