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Introduction

The PnP Opto Sensor is Infra Red (IR) diffuse reflective sensor designed for object detection. The suitable range of detection is from 2 cm to 100 cm.

Specification

Input Voltage: 6V to 15 V DC

Current Consumption: 40 mA max

Rated Sensing distance: 2 cm to 100 cm

Outputs: TTL and Open collector

Sample application

- 1) Pin 4 TTL output - Connect Pin3 Directly to I/O pin of any microcontroller, such as P0 of Basic stamp
- 2) Open Collector output -

Connect Pin5 to V_i and relay solenoid terminal 1. Connect Pin6 to relay solenoid terminal 2, see figure below:

