seeed studio

INDUSTRIAL PRODUCT DATASHEET

Adjustable IR Reflection Sensor(3- 80cm)

Infrared reflection sensor with 3-80cm adjustable detection range and digital output for obstacle detection.

SKU	UPDATED	PRICE
101990027	2024-08-09 02:09:56	$6.90(Excl. VAT)



Overview



The Adjustable IR Reflection Sensor is an infrared-based proximity sensor with a detection range adjustable between 3 and 80cm, suitable for obstacle avoidance, interactive media, and industrial assembly lines. It provides a digital output that goes low when an obstacle is detected, with an onboard LED for visual status indication.

Key Features

The Adjustable IR Reflection Sensor consists of a set of infrared transmitter and infrared receiver. It is widely used in robot to avoid obstacles, interactive media, industrial assembly line, and many other occasions. Its detection distance can be adjusted in the range of 3- 80cm according to the demand. The normal status is high, it turns into low when there are obstacles. In addition, there is a light behind the detection probe used for showing the detection status.

Features

- Adjustable detection distance
- Low consumption
- Compact size

Specifications

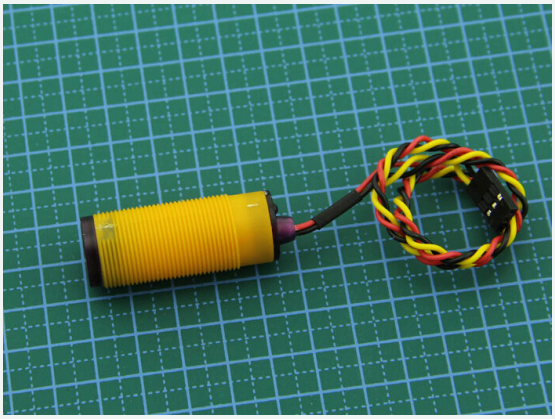
- Power supply: 5V
- Working current: <100mA
- Detection distance: 3- 80cm
- Diameter: 17mm
- Length: 45mm
- Wire length: 45CM

Pinout

- Red - V+
- Yellow - Signal
- Green - GND

Product Gallery





Compliance & Logistics

HSCODE	9031809090

Resource Links

- https://www.seeedstudio.com/Adjustable-IR-Reflection-Sensor-3-80c-p-1492.html

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