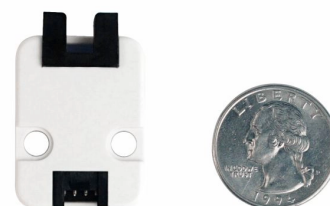


# Unit OP180

SKU:U058



## Description

**Unit OP180** is a 180° non-contact photoelectric limit switch. The unit has an infrared transmitter and receiver located on opposite sides. During normal operation, the transmitter continuously emits an infrared signal to the receiver. When an object passes between them and blocks the infrared signal, the output terminal will generate an action signal to detect the object's passage. It is commonly used in mechanical control systems as a safety interlock or a photoelectric counter.

## Features

- Angle: 180°
- Infrared limit switch

## Includes

- 1 x Unit OP180
- 1 x HY2.0-4P Grove Cable (20cm)

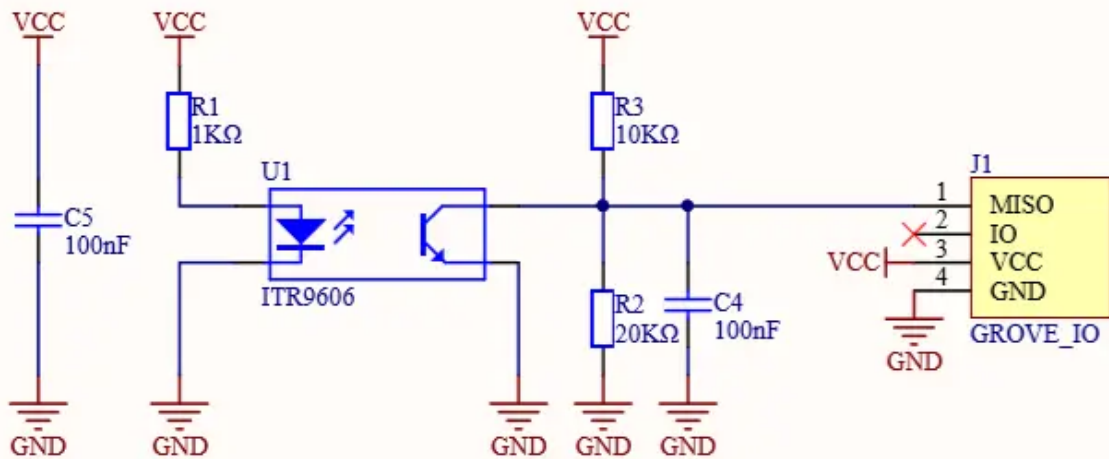
## 1

- Automatic doors
- Automated mechanical control



| Specification         | Parameter            |
|-----------------------|----------------------|
| Operating Temperature | 0 ~ 40℃              |
| Product Size          | 36.0 x 24.0 x 8.8mm  |
| Product Weight        | 4.5g                 |
| Package Size          | 138.0 x 93.0 x 9.8mm |
| Gross Weight          | 10.0g                |

## 1

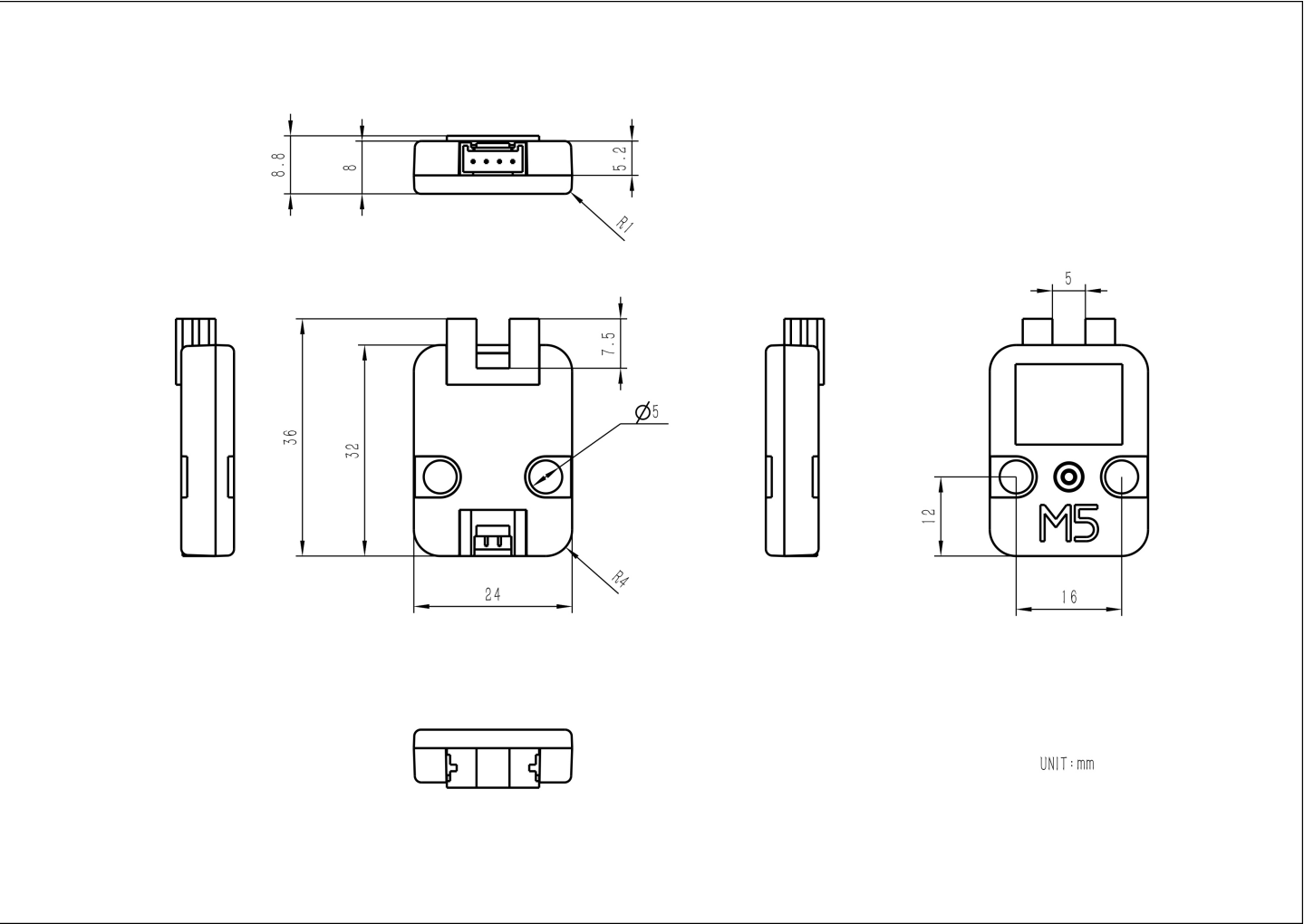


## 1

## 1

|          |       |     |        |                |
|----------|-------|-----|--------|----------------|
| HY2.0-4P | Black | Red | Yellow | White          |
| PORT.B   | GND   | 5V  | NC     | Digital Output |

## Model Size



## Softwares

### Arduino

- Unit OP180 Test Example

### UiFlow2

- Unit OP180 UiFlow2 Docs

## EasyLoader

| Easyloader                 | Download                 | Note |
|----------------------------|--------------------------|------|
| Unit OP180 Test Easyloader | <a href="#">download</a> | /    |

## | Video

- Unit OP.180 Example

[OP90\\_UNIT.MP4](#)