**Grove - IR Distance Interrupter**

窗体顶端



http://www.seeedstudio.com/depot/includes/templates/pure_green/images/next_l.gif

* [http://www.seeedstudio.com/depot/bmz_cache/6/6fb5c806f612bfe4029fe833b5099c6e.image.55x41.jpg](http://www.seeedstudio.com/depot/images/product/ir%20distance%20interruper.jpg)
* [http://www.seeedstudio.com/depot/bmz_cache/e/ef47d9fac60c554cde9af978dee416db.image.55x41.jpg](http://www.seeedstudio.com/depot/images/product/ir%20distance%20interruper_01.jpg)
* [http://www.seeedstudio.com/depot/bmz_cache/5/561f020fa1bdbeea7b572641ec1abc5a.image.55x41.jpg](http://www.seeedstudio.com/depot/images/product/ir%20distance%20interruper_02.jpg)

http://www.seeedstudio.com/depot/includes/templates/pure_green/images/next_r.gif

* **Price:**

$6.70  [(Price Feedback)](javascript:void())

* **SKU:**

SEN09281P

* **Weight:**

3Gram

* **Units in Stock**

70

* **Designed by:**

[Seeed Studio](http://www.seeedstudio.com/)



[Other products from designer](http://www.seeedstudio.com/depot/seeed-studio-m-23.html)

* **Quantity:** Max: 70  
  
* [Add to Wish List](http://www.seeedstudio.com/depot/index.php?main_page=un_wishlist&products_id=1278&cPath=144&action=un_add_wishlist)

Description

This IR Distance Interrupter features a high-sensitivity RFR-359F photoreflector to perform distance detection function. The photoreflector consists of a GaAs infared light emitting diode and a silicon planar phototransistor. When the infrared light emitted by the emitter gets reflected on a surface that blocked it, the phototransistor can pick up the signal for distance calculation. This module is panel mounted so that you can easily implement it on the surface of robots or other projects without wiring clutter. Also a potentiometer for adjustment and an indicator LED are arranged on the back for easy and clear use.

**Features**

* High sensitivity photoreflector
* Lightweight and compact
* Panel mount design for clean and tidy implementation
* Clear HID design: adjustment potentiometer and indicator LED

**Application Ideas**

* Wanderer robots
* RPM gauges
* Approximation detection

**Documents**

Please visit our [wiki](http://www.seeedstudio.com/wiki/Grove_-_IR_Distance_Interruper) page for more info about this product. It will be appreciated if you can help us improve the documents, add more demo code or tutorials. For technical support, please post your questions to our[forum](http://forum.seeedstudio.com/).

窗体底端