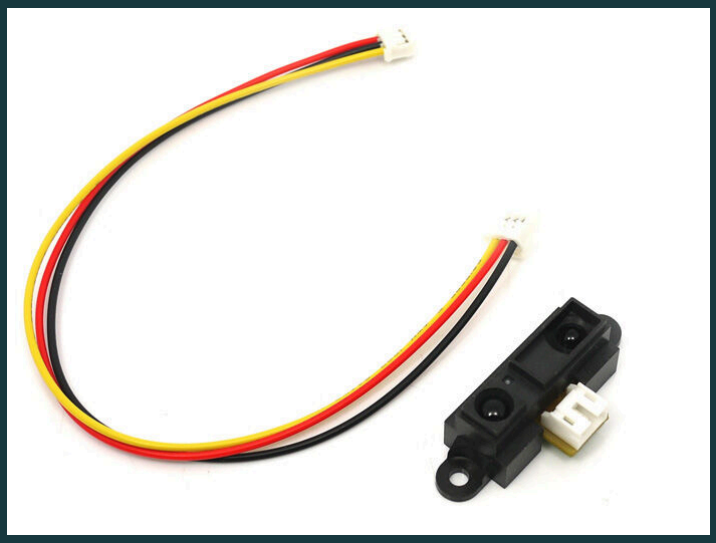
seeed studio

INDUSTRIAL PRODUCT DATASHEET

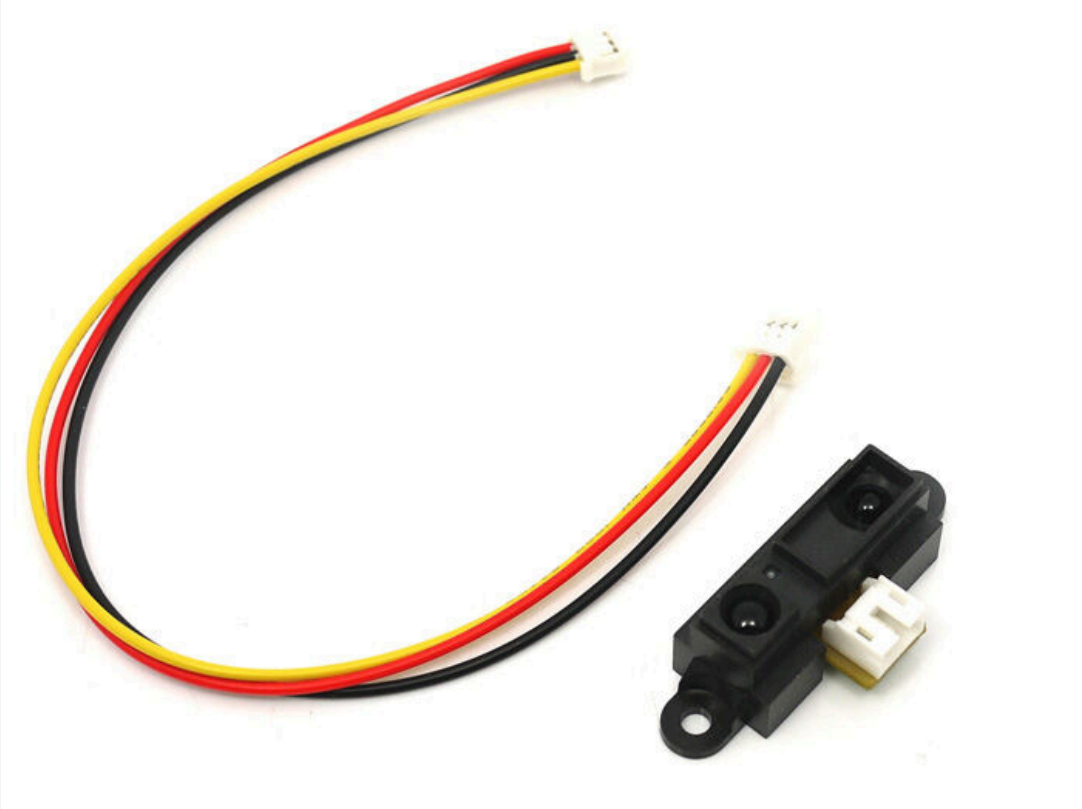
Grove - 80cm Infrared Proximity Sensor - GP2Y0A21YK

The 80cm Infrared Proximity Sensor is a General Purpose Type Distance Measuring Sensor based on Sharp GP2Y0A21YK, which is a wide-angle distance measuring sensor.

SKU	UPDATED	PRICE
101020042	2026-11-11 07:39:44	$15.30(Excl. VAT)



Overview



The 80cm Infrared Proximity Sensor is a General Purpose Type Distance Measuring Sensor based on Sharp GP2Y0A21YK, which is a wide-angle distance measuring sensor. This proximity sensor takes a continuous distance reading and returns a corresponding analog voltage with a range of 10cm (4") to 80cm (30").

Key Features

01 **Wide detection range**

Non-contact distance detection area between 10cm to 80cm, and angle reach to 4- 30

02 **High-speed response rate**

Sensor response time of only 39ms

03 **Simple digital output**

Outputting digital signals is easier to handle

04 **Grove unified socket**

The product ensures "Plug and Play" and could be versatile for various applications

05 **Compact size, easy to install**

Small size is more conducive to carrying and installing in the place of detection

Applications

- **Waterdrop conservation**
- **Toys**
- **Robotics**

Resource Links

- https://www.seeedstudio.com/Grove-80cm-Infrared-Proximity-Sensor.html
- GP2Y0A21YK datasheet

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