

IR Distance Adapter



Product Description

The IR Distance Adapter is designed to interface Sharp IR distance sensors to an analog input on a PhidgetInterface board. Any Sharp sensor with a supply voltage of 5V and an output voltage range falling within 0-5V is compatible with this adapter. The cable included with this adapter uses a JST S3B-PH connector, like the Sharp sensors sold by Phidgets Inc. If your Sharp sensor uses a different connector, you'll need to find a matching cable for it.

Comes packaged with

- [3002 – 60cm Phidget Cable](#)
- A 30cm Sharp Sensor Interface Cable

Product Specifications

Sensor Properties

Sensor Output Type	Ratiometric
Controlled By	VoltageRatio Input

Electrical Properties

Supply Voltage Min	4.8 V DC
Supply Voltage Max	5.3 V DC
Current Consumption Max	3 mA
Output Impedance	1 kΩ

Physical Properties

Operating Temperature Min	-25 °C
Operating Temperature Max	85 °C

