Proximity Sensor

💬 Non-Visible component

Category	Requires	Version
Sensors	API 19, Android 4.4 - 4.4.4 KitKat	1

Overview

Non-visible component that can measures the proximity of an object in cm relative to the view screen of a device. This sensor is typically used to determine whether a handset is being held up to a persons ear; i.e. lets you determine how far away an object is from a device. Many devices return the absolute distance, in cm, but some return only near and far values. In this case, the sensor usually reports its maximum range value in the far state and a lesser value in the near state.

Events

Proximity Changed

Triggered when distance (in cm) of the object to the device changes.

Params	
distance	Number

Properties

Available

`Boolean` — `Read` - `Blocks`

Reports whether or not the device has a proximity sensor

Distance

`Number` — `Read` - `Blocks`

Returns the distance from the object to the device

Enabled

`Boolean` `Default: True` — `Read` `Write` - `Designer` `Blocks`

If true, the sensor will generate events. Otherwise, no eventsare generated .

Keep Running When On Pause

`Boolean` `Default: False` — `Read` `Write` - `Designer` `Blocks`

Returns value of keepRunningWhenOnPause

Maximum Range

`Number` — `Read` - `Blocks`

Reports the Maximum Range of the device's ProximitySensor

Last update: January 26, 2020