

# Datasheet PresenceSensor

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## PresenceSensor device

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This document shows technical characteristics of the simulated device PresenceSensor.

## VERSION

Version	Date	Description
V1.0	12/03/13	File creation
V1.1	18/03/13	Major change on properties table

## General Description

PresenceSensor can supply only one model of presence sensor switch which is a standard presence sensor.

The presence sensor can be used to detect if someone is present in a room. We describe in section PresenceSensor device Outline methods linked to this device.

## Device properties

Name	Value	Default Value	Type	Modifiable
sensed_presence	True/False	False	Boolean	No

Note: The property sensed\_presence is set by default at false. Then this value can take two possible values: true or false.

If the sensed\_presence property is true then there is someone close to the sensor. On the contrary, if the sensed\_presence is false, there is no one close to the sensor.

## Physical considerations

There is no physical consideration for this type of device. Indeed, this device is used to get a physical value. In our case, we do not care about the way the actuator gets this value.

## PowerSwitch device Outline

Hereafter we explain methods that can be useful for the user to use a presence sensor.

Interface: **fr.liglab.adele.icasa.device.presence.PresenceSensor**

getSerialNumber()	Get the device ID
getSensedPresence()	Get the current status of the switch: - switched On: true - switched Off: false