

Datasheet PresenceSensor

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

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

Model	Sensed_presence
PresenceSensor	Default =false

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