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
V1.1	18/03/13	Major change on properties table
V1.2	15/04/2013	Homogenize properties names

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

Property name	Constant name	Value	Default Value	Type	Modifiable
presenceSensor.sensedPresence	PRESENCE_SENSOR_SENSED_PRESENCE	True/False	False	Boolean	No

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

 If the sensedPresence property is true then there is someone close to the sensor. On the contrary, if the sensedPresence 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.

PresenceSensor 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