



vendon

Vendon Temperature Sensor

1. GENERAL DESCRIPTION

Temperature sensor for vending machines' and coffee machines' temperature measurement and remote tracking. Designed for installation inside of a vending or coffee machine, as a vBox2 accessory, plugged as a cable in vBox2 connector C2.

Vendon article number N-0028

2. TECHNICAL DATA

- Standard length 4m with 10pcs self-adhesive mounts;
- Temperature measurement range -55°C to $+125^{\circ}\text{C}$ (-67°F to $+257^{\circ}\text{F}$);
- $\pm 0.5^{\circ}\text{C}$ accuracy from -10°C to $+85^{\circ}\text{C}$;

3. FUNCTIONALITY

- Measures temperature once per minute;
- Sends information to the server not less than once in an hour;
- Min and Max temperature values defined by the user (WEB environment);
- Time period for data comparison selected by the user (WEB environment);
- Immediate alerts of configured temperature limit shifts or sensor's technical failures.

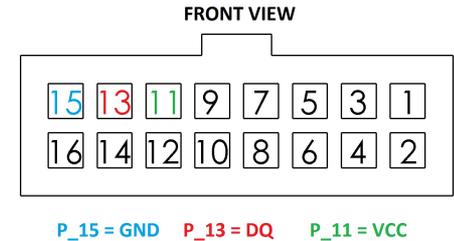
4. INSTALLATION

Temperature sensor has to be plugged into C2 16pin molex into sensor's purposed pins:

P_11 = Vcc (3V)

P_13 = DQ

P_15 = GND



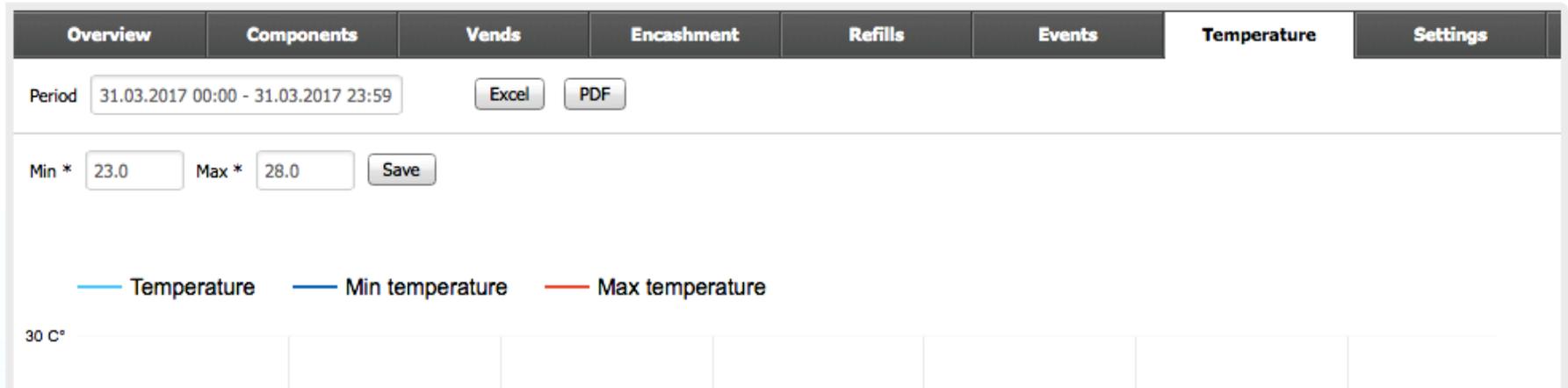
5. vBox2 CONFIGURATION

vBox2 has to be configured to enable temperature data reading. Configuration bit is named “External temperature sensor”, which can be set up over the air from the Vendon Cloud interface (specific user rights has to be active) or by requesting configuration change to local Vendon partner.

! Over the air configuration setup can be performed only with vBox2 device being online.

6. VENDON CLOUD SETTINGS

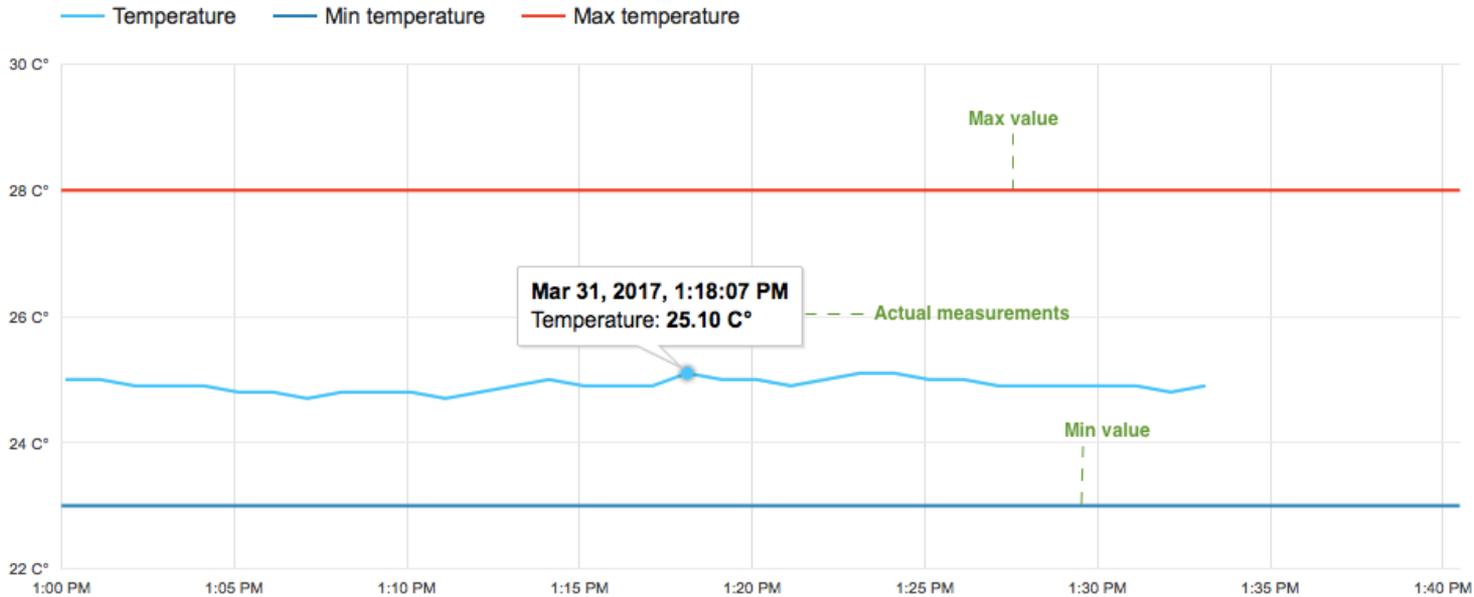
Once vBox2 device has configuration the “External temperature sensor”, Vendon Cloud automatically opens a new tab at Settings -> Devices -> Device overview -> Temperature.



6.1. VENDON CLOUD SETTINGS

DATA READING

Min * Max *



6.2. VENDON CLOUD SETTINGS VALUE SETUP

User has to set Min and Max temperature values based on which the system will generate events, informing user about temperature shifts.

Overview Components Vends Encashment R

Period 31.03.2017 00:00 - 31.03.2017 23:59 Excel PDF

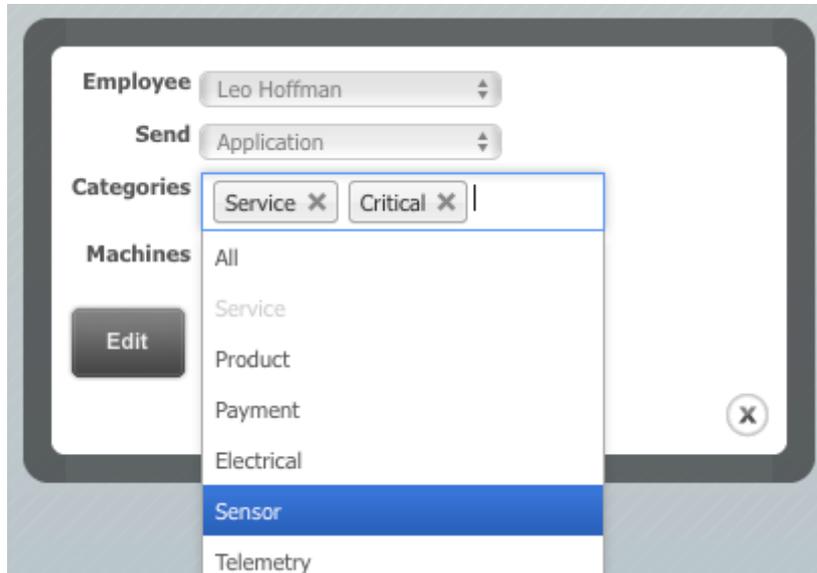
Min * 23.0 Max * 28.0 Save

— Temperature — Min temperature — Max temperature

6.3. VENDON CLOUD SETTINGS

ALERT SETUP

In order to activate alert messaging (e-mail, push notification, SMS), user has to checkmark “sensor “ event tag at Settings -> Alerts.



Cooling

Temperature is too high.



Cooling

Temperature is too low.

CONTACT INFORMATION

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