

Room Sensor Smart / Room Sensor Clima Smart

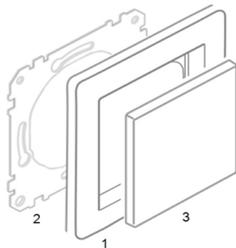
Digital room temperature / room temperature and humidity sensor with communication via WiFi in combination with °CALEON Smart (Art. 70003e) or °CALEON Clima Smart (Art. 70004e).



Technical Data

Power Supply	230VAC
measurement range	0 °C ... 60 °C / 0% ... 100%
	Accuracy: +/- 1 °C / +/- 6 %
	Resolution: 0,1 °C / 0,1 %
Protection Class	IP20
Dimension	80 mm x 80 mm
Housing Design	white plastic housing pure white
Installation Methods	flush-mounted switch box

Wall mounting and electrical connection



Mount the sensor in a suitable location.



Pay attention to suitable environmental conditions. Direct sunlight, sources of heat and cold, e.g. radiators and windows must be avoided.

Mounting on Pastic Wall Socket

Using the enclosed screws (3.0 x 16) fix the mounting frame (2) to the switch box. Make the electrical connection as described below.

Electrical connection

Connect the sensor to 230VAC power supply.

L= brown, N= blue

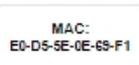
Insert the Element

Hold the cover frame (1) to the mounting frame (2). Align the 55 mm element (3) to fit the mounting frame and press in the 55 mm element until it engages in the frame.



Type plate and sticker with MAC address

Room Sensor Clima Smart
100 - 240VAC | 1W | 2,4GHz
SOREL GmbH Mikroelektronik



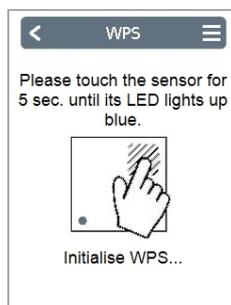
Each sensor has a unique MAC address. This address is required for sensor-room assignment in the °CALEON Smart. The MAC address can be found inside the sensor on the supplied sticker.

Commissioning

The sensor is connected to the °CALEON Smart / °CALEON Clima Smart via an individual WPS (WiFi Protected Setup). The integration of a Room Sensor Smart is part of the guided commissioning wizard. The important steps for integration are:



Confirm with "Yes" to start the WPS integration.



"Initialise WPS..." signals that pairing can be started.



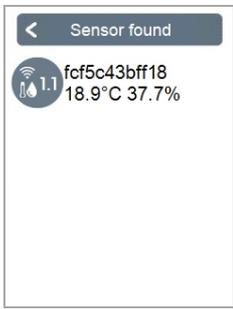
Start pairing by placing a finger on the touch area. LED lights up white.



Press and hold the touch area until the LED lights up blue.



The sensor confirms successful pairing with a green LED.



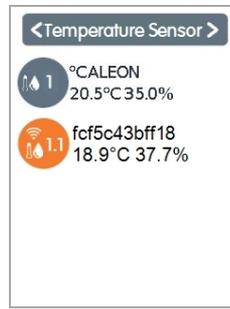
After successful pairing, the sensor is displayed with sensor type, MAC address and measured values.



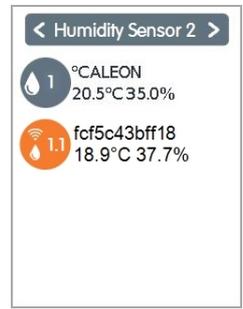
Repeat the procedure for other sensors.



In the further course of commissioning, the Room Sensors Smart are assigned to the rooms.



Select the Room Sensor Smart as the temperature sensor. The sensor can be identified by the MAC address shown on the display/ type plate.



If a Room Sensor Clima Smart with relative humidity sensor is used, select the sensor as the humidity sensor for the room.

Beyond the commissioning wizard, the integration can be carried out via the menu: Expert -> Settings -> Devices -> Add Devices.

Load factory setting / remove sensor from network

To unpair a Room Sensor Smart with a °CALEON Smart or to reset the sensor to factory settings:

1. Briefly place your finger on the top right of the touch area until the LED lights up white.
2. Place your finger briefly on the top right of the touch area a second time until the LED lights up white.
3. Place your finger on the top right of the touch area for a long time. After 10 seconds, the LED flashes red. Continue to hold down until the LED lights up permanently red.
4. Then at the °CALEON in the menu:
Expert > Settings > Devices > WiFi Sensor > Remove to exclude the sensor.



1. briefly lights up white



2. briefly lights up white



3. flashes red



4. lights up red

LED states

LED lights up white	Touch registered
LED flashes red quickly	Warning, sensor is reset to factory settings
LED lights up red	Sensor successfully excluded / reset to factory settings
LED flashes 3x red	Transmission failed
LED lights up green	Transmission OK
LED lights up blue	Pairing active (devices are connected)