

NEO NAS-STH02B2

Model	NAS-STH02B2
Vendor	<u>NEO</u>
Description	Soil moisture, temperature, and ec
Exposes	ec, fertility, humidity, temperature, temperature_f, temperature_sensitivity, humidity_sensitivity, temperature_alarm, humidity_alarm, max_temperature_alarm, min_temperature_alarm, max_humidity_alarm, min_humidity_alarm, schedule_periodic, battery_state, battery
Picture	

Options

How to use device type specific configuration

- `humidity_calibration` : Calibrates the humidity value (absolute offset), takes into effect on next report of device. The value must be a number.
- `humidity_precision` : Number of digits after decimal point for humidity, takes into effect on next report of device. This option can only decrease the precision, not increase it. The value must be a number with a minimum value of 0 and with a maximum value of 3
- `temperature_calibration` : Calibrates the temperature value (absolute offset), takes into effect on next report of device. The value must be a number.
- `temperature_precision` : Number of digits after decimal point for temperature, takes into effect on next report of device. This option can only decrease the precision, not increase it. The value must be a number with a minimum value of 0 and with a maximum value of 3

Exposes

Ec (numeric)

Soil electrical conductivity. Value can be found in the published state on the `ec` property. It's not possible to read (`/get`) or write (`/set`) this value. The minimal value is 0 and the maximum value is 20000 . The unit of this value is $\mu\text{S}/\text{cm}$.

Fertility (enum)

Soil fertility. Value can be found in the published state on the `fertility` property. It's not possible to read (`/get`) or write (`/set`) this value. The possible values are: `normal` , `lower` , `low` , `middle` , `high` , `higher` .

Humidity (numeric)

Soil humidity. Value can be found in the published state on the `humidity` property. It's not possible to read (`/get`) or write (`/set`) this value. The minimal value is `0` and the maximum value is `100` . The unit of this value is `%` .

Temperature (numeric)

Soil temperature. Value can be found in the published state on the `temperature` property. It's not possible to read (`/get`) or write (`/set`) this value. The minimal value is `-10` and the maximum value is `60` . The unit of this value is `°C` .

Temperature f (numeric)

Soil temperature. Value can be found in the published state on the `temperature_f` property. It's not possible to read (`/get`) or write (`/set`) this value. The minimal value is `14` and the maximum value is `140` . The unit of this value is `°F` .

Temperature sensitivity (numeric)

Upper temperature limit. Value can be found in the published state on the `temperature_sensitivity` property. It's not possible to read (`/get`) this value. To write (`/set`) a value publish a message to topic `zigbee2mqtt/FRIENDLY_NAME/set` with payload `{"temperature_sensitivity": NEW_VALUE}` . The minimal value is `0.3` and the maximum value is `1` . The unit of this value is `°C` .

Humidity sensitivity (numeric)

Upper temperature limit. Value can be found in the published state on the `humidity_sensitivity` property. It's not possible to read (`/get`) this value. To write (`/set`) a value publish a message to topic

zigbee2mqtt/FRIENDLY_NAME/set with payload {"humidity_sensitivity": NEW_VALUE} . The minimal value is 1 and the maximum value is 5 . The unit of this value is % .

Temperature alarm (enum)

Temperature alarm state. Value can be found in the published state on the temperature_alarm property. It's not possible to read (/get) or write (/set) this value. The possible values are: lower_alarm , upper_alarm , cancel .

Humidity alarm (enum)

Humidity alarm state. Value can be found in the published state on the humidity_alarm property. It's not possible to read (/get) or write (/set) this value. The possible values are: lower_alarm , upper_alarm , cancel .

Max temperature alarm (numeric)

Upper temperature limit. Value can be found in the published state on the max_temperature_alarm property. It's not possible to read (/get) this value. To write (/set) a value publish a message to topic

zigbee2mqtt/FRIENDLY_NAME/set with payload {"max_temperature_alarm": NEW_VALUE} . The minimal value is 0 and the maximum value is 60 . The unit of this value is °C .

Min temperature alarm (numeric)

Lower temperature limit. Value can be found in the published state on the min_temperature_alarm property. It's not possible to read (/get) this value. To write (/set) a value publish a message to topic

zigbee2mqtt/FRIENDLY_NAME/set with payload {"min_temperature_alarm": NEW_VALUE} . The minimal value is 0 and the maximum value is 60 . The unit of this value is °C .

Max humidity alarm (numeric)

Upper humidity limit. Value can be found in the published state on the `max_humidity_alarm` property. It's not possible to read (`/get`) this value. To write (`/set`) a value publish a message to topic `zigbee2mqtt/FRIENDLY_NAME/set` with payload `{"max_humidity_alarm": NEW_VALUE}` . The minimal value is `0` and the maximum value is `100` . The unit of this value is `%` .

Min humidity alarm (numeric)

Lower humidity limit. Value can be found in the published state on the `min_humidity_alarm` property. It's not possible to read (`/get`) this value. To write (`/set`) a value publish a message to topic `zigbee2mqtt/FRIENDLY_NAME/set` with payload `{"min_humidity_alarm": NEW_VALUE}` . The minimal value is `0` and the maximum value is `100` . The unit of this value is `%` .

Schedule periodic (numeric)

Report sensitivity. Value can be found in the published state on the `schedule_periodic` property. It's not possible to read (`/get`) this value. To write (`/set`) a value publish a message to topic `zigbee2mqtt/FRIENDLY_NAME/set` with payload `{"schedule_periodic": NEW_VALUE}` . The minimal value is `5` and the maximum value is `60` . The unit of this value is `min` .

Battery state (enum)

State of the battery. Value can be found in the published state on the `battery_state` property. It's not possible to read (`/get`) or write (`/set`) this value. The possible values are: `low` , `medium` , `high` .

Battery (numeric)

Remaining battery in %, can take up to 24 hours before reported. Value can be found in the published state on the `battery` property. It's not possible to read (`/get`) or write (`/set`) this value. The minimal value is `0` and the maximum value is `100` . The unit of this value is `%` .