

Returns

Result of API execution status

Return values

<i>zero</i>	-> Success / +ve value -> Warning / -ve value -> Error
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Definition at line 340 of file bme680.c.

int8_t bme680_set_sensor_mode (struct bme680_dev * *dev*)

This API is used to set the power mode of the sensor.

Parameters

in	<i>dev</i>	: Structure instance of bme680_dev
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Note

: Pass the value to **bme680_dev.power_mode** structure variable.

value	mode
0x00	BME680_SLEEP_MODE
0x01	BME680_FORCED_MODE

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• Returns

Result of API execution status

• Return values

<i>zero</i>	-> Success / +ve value -> Warning / -ve value -> Error
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Definition at line 589 of file bme680.c.

int8_t bme680_set_sensor_settings (uint16_t *desired_settings*, struct bme680_dev * *dev*)

This API is used to set the oversampling, filter and T,P,H, gas selection settings in the sensor.

Parameters

in	<i>dev</i>	: Structure instance of bme680_dev .
in	<i>desired_settings</i>	: Variable used to select the settings which are to be set in the sensor.

Macros	Functionality
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BME680_OST_SEL | To set temperature oversampling.
BME680_OSP_SEL | To set pressure oversampling.
BME680_OSH_SEL | To set humidity oversampling.
BME680_GAS_MEAS_SEL | To set gas measurement setting.
BME680_FILTER_SEL | To set filter setting.
BME680_HCNTRL_SEL | To set humidity control setting.
BME680_RUN_GAS_SEL | To set run gas setting.
BME680_NBCONV_SEL | To set NB conversion setting.
BME680_GAS_SENSOR_SEL | To set all gas sensor related settings

Note

: Below are the macros to be used by the user for selecting the desired settings. User can do OR operation of these macros for configuring multiple settings.