Parameters

in	*reg_addr*	: Register address from where the data to be read
out	*reg_data*	: Pointer to data buffer to store the read data.
in	*len*	: No of bytes of data to be read.
in	*dev*	: Structure instance of **bme680_dev**.

Returns

Result of API execution status

Return values

zero	-> Success / +ve value -> Warning / -ve value -> Error

Definition at line 315 of file bme680.c.

int8_t bme680_get_sensor_data (struct bme680_field_data * *data*, struct bme680_dev * *dev*)

This API reads the pressure, temperature and humidity and gas data from the sensor, compensates the data and store it in the bme680_data structure instance passed by the user.

Parameters

out	*data*	Structure instance to hold the data.
in	*dev*	: Structure instance of **bme680_dev**.

Returns

Result of API execution status

Return values

zero	-> Success / +ve value -> Warning / -ve value -> Error

Definition at line 705 of file bme680.c.

int8_t bme680_get_sensor_mode (struct bme680_dev * *dev*)

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

Parameters

in	*dev*	: Structure instance of **bme680_dev**

Note

: **bme680_dev.power_mode** structure variable hold the power mode.

value	mode
0x00	BME680_SLEEP_MODE
0x01	BME680_FORCED_MODE

Returns

Result of API execution status

Return values

zero	-> Success / +ve value -> Warning / -ve value -> Error

Definition at line 628 of file bme680.c.

int8_t bme680_get_sensor_settings (uint16_t *desired_settings*, struct bme680_dev * *dev*)