```c
    uint8_t pow_mode = 0;
    uint8_t reg_addr = BME680_CONF_T_P_MODE_ADDR;

    /* Check for null pointer in the device structure*/
    rslt = null_ptr_check(dev);
    if (rslt == BME680_OK) {
        /* Call repeatedly until in sleep */
        do {
            rslt = bme680_get_regs(BME680_CONF_T_P_MODE_ADDR, &tmp_pow_mode, 1, dev);
            if (rslt == BME680_OK) {
                /* Put to sleep before changing mode */
                pow_mode = (tmp_pow_mode & BME680_MODE_MSK);

                if (pow_mode != BME680_SLEEP_MODE) {
                    tmp_pow_mode = tmp_pow_mode & (~BME680_MODE_MSK); /* Set to sleep */
                    rslt = bme680_set_regs(&reg_addr, &tmp_pow_mode, 1, dev);
                    dev->delay_ms(BME680_POLL_PERIOD_MS);
                }
            }
        } while (pow_mode != BME680_SLEEP_MODE);

        /* Already in sleep */
        if (dev->power_mode != BME680_SLEEP_MODE) {
            tmp_pow_mode = (tmp_pow_mode & ~BME680_MODE_MSK) | (dev->power_mode & BME680_MODE_MSK);
            if (rslt == BME680_OK)
                rslt = bme680_set_regs(&reg_addr, &tmp_pow_mode, 1, dev);
        }
    }

    return rslt;
}

/*!
 * @brief This API is used to get the power mode of the sensor.
 */
int8_t bme680_get_sensor_mode(struct bme680_dev *dev)
{
```