```c
/*!
 * @brief This internal API is used to calculate the pressure value.
 *
 * @param[in] dev   :Structure instance of bme680_dev.
 * @param[in] pres_adc  :Contains the pressure ADC value .
 *
 * @return uint32_t calculated pressure.
 */
static uint32_t calc_pressure(uint32_t pres_adc, const struct bme680_dev *dev);

/*!
 * @brief This internal API is used to calculate the humidity value.
 *
 * @param[in] dev   :Structure instance of bme680_dev.
 * @param[in] hum_adc   :Contains the humidity ADC value.
 *
 * @return uint32_t calculated humidity.
 */
static uint32_t calc_humidity(uint16_t hum_adc, const struct bme680_dev *dev);

/*!
 * @brief This internal API is used to calculate the Gas Resistance value.
 *
 * @param[in] dev       :Structure instance of bme680_dev.
 * @param[in] gas_res_adc   :Contains the Gas Resistance ADC value.
 * @param[in] gas_range     :Contains the range of gas values.
 *
 * @return uint32_t calculated gas resistance.
 */
static uint32_t calc_gas_resistance(uint16_t gas_res_adc, uint8_t gas_range, const struct bme680_dev *dev);

/*!
 * @brief This internal API is used to calculate the Heat Resistance value.
 *
 * @param[in] dev   : Structure instance of bme680_dev
 * @param[in] temp  : Contains the target temperature value.
 *
```