

# BME280 Combined humidity and pressure sensor

## Shipment and Packaging Details



### BME280 - Shipment and Packaging Details

|                       |                                                                                                                                                                                                                                                                                     |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Document revision     | 1.2                                                                                                                                                                                                                                                                                 |
| Document release date | February 2025, valid from July 2025 onwards                                                                                                                                                                                                                                         |
| Document number       | BST-BME280-SP000-03                                                                                                                                                                                                                                                                 |
| Sales Part Number(s)  | 0 273 141 185                                                                                                                                                                                                                                                                       |
| Notes                 | Data and descriptions in this document are subject to change without notice. Product photos and pictures are for illustration purposes only and may differ from the real product appearance. The technical details and legal disclaimer of the respective product data sheet apply. |

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1 Inner box



Picture 1: Open box with reel

Table 1: Dimension of inner box

| Width (w) | Length (l) | Height (h) |
|-----------|------------|------------|
| ~37cm     | ~35cm      | ~4cm       |

## 2 Outer Box



### 2.1 Dimensions

The size of the outer box depends on delivered quantity.

Table 2: Dimension and capacity of outer boxes

| Carton Type | Capacity             | Dimension   |
|-------------|----------------------|-------------|
| Carton 2    | Up to 3 inner boxes  | 42*42*15 cm |
| Carton 5    | Up to 6 inner boxes  | 42*42*28 cm |
| Carton 10   | Up to 11 inner boxes | 42*42*39 cm |
| Carton 15   | Up to 15 inner boxes | 42*42*68 cm |

## 2.2 Weights

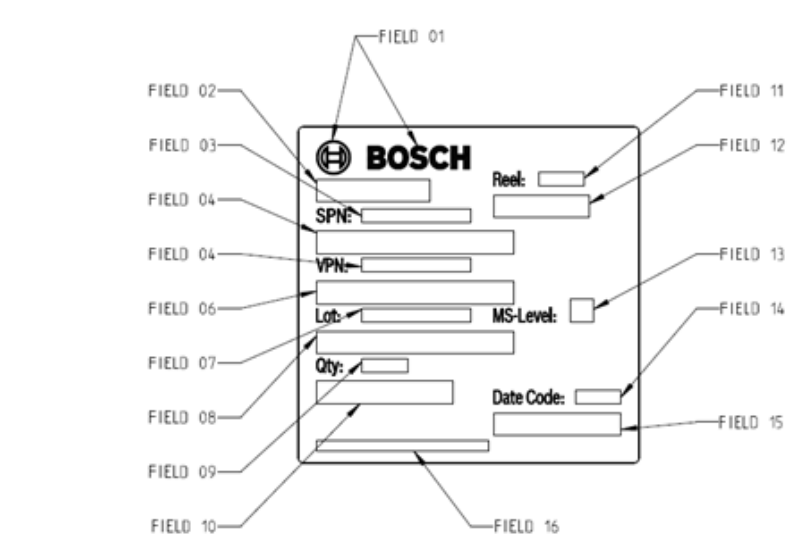
Table 3: Weights

| Weight [kg]*<br>depending on<br>reels in carton: | Carton 2 | Carton 5 | Carton 10 | Carton 15 |
|--------------------------------------------------|----------|----------|-----------|-----------|
| 1 reel                                           | 1.4      | 1.5      | 1.5       | 2.3       |
| 2 reels                                          | 1.9      | 2.0      | 2.1       | 2.8       |
| 3 reels                                          | 2.5      | 2.6      | 2.6       | 3.4       |
| 4 reels                                          | -        | 3.1      | 3.2       | 3.9       |
| 5 reels                                          | -        | 3.7      | 3.7       | 4.5       |
| 6 reels                                          | -        | 4.2      | 4.3       | 5         |
| 7 reels                                          | -        | -        | 4.8       | 5.6       |
| 8 reels                                          | -        | -        | 5.4       | 6.1       |
| 9 reels                                          | -        | -        | 5.9       | 6.7       |
| 10 reels                                         | -        | -        | 6.5       | 7.2       |
| 11 reels                                         | -        | -        | 7.0       | 7.8       |
| 12 reels                                         | -        | -        | -         | 8.3       |
| 13 reels                                         | -        | -        | -         | 8.9       |
| 14 reels                                         | -        | -        | -         | 9.4       |
| 15 reels                                         | -        | -        | -         | 10.0      |

\* Weights may vary slightly depending on product and inner box

### 3 Bar Code labeling

#### 3.1 Label design and fields



The dimension of the bar code label is approximately 72mm x 73mm (h x w).

Notes:

- The ink on the label is lead-free.
- Heat-pressure method for label is used.
- Bar code label is on reel and the inner box

Table 4: Label fields description

| Field | Description                 | Format       |
|-------|-----------------------------|--------------|
| 01    | Bosch Symbol                | Image        |
| 02    | Part description            | Text         |
| 03    | Sales Part Number (SPN)     | Text         |
| 04    |                             | Barcode      |
| 05    | Bosch internal number (VPN) | Text         |
| 06    |                             | Barcode      |
| 07    | Lot Number                  | Text         |
| 08    |                             | Barcode      |
| 09    | Quantity                    | Text         |
| 10    |                             | Barcode      |
| 11    | Reel number                 | Text         |
| 12    |                             | Barcode      |
| 13    | MS-Level                    | Text         |
| 14    | Date Code                   | Text (yy/ww) |
| 15    |                             | Barcode      |
| 16    | CoO / Made in*              | Text         |

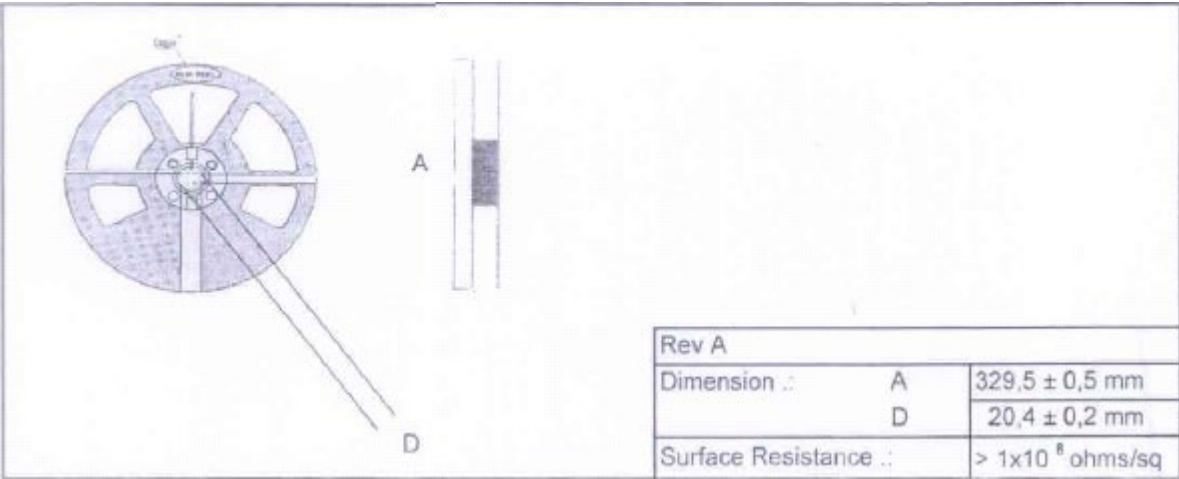
\* except for Taiwan: only Made in Taiwan, no CoO

3.2 Label example: BMA253



4 Reel dimensions

- The reel is 13"
- 1 reel contains 10,000 parts



5 Document history and modification

| Rev. No | Chapter | Description of modification/changes                                    | Date          |
|---------|---------|------------------------------------------------------------------------|---------------|
| 1.0     | all     | Initial release                                                        | March 2014    |
| 1.1     | all     | New template                                                           | May 2018      |
| 1.2     | All     | Minor changes to overall design                                        | February 2025 |
|         | 1       | New inner box dimensions                                               |               |
|         | 2       | New capacities and weights                                             |               |
|         | 3,4     | Label information updated                                              |               |
|         | -       | Disclaimer removed and a reference added to the note in the first page |               |

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