

## Technical data sheet

### Bar code tape

Part no.: 50144172

BCB G30 H25 L005

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For illustration purposes only

## Technical data

### Basic data

|              |                                              |
|--------------|----------------------------------------------|
| Suitable for | BPS 300i series bar code positioning system  |
|              | BPS 8 series bar code positioning system     |
|              | FBPS 600i series bar code positioning system |

### Mechanical data

|                                          |                           |
|------------------------------------------|---------------------------|
| Dimension (H x L)                        | 25 mm x 5,000 mm          |
| Grid dimension                           | 30 mm                     |
| Mechanical properties                    | Moisture resistant        |
|                                          | Partly chemical resistant |
|                                          | Scratch resistant         |
|                                          | UV resistant              |
|                                          | Wipe resistant            |
| Adhesive                                 | Acrylate adhesive         |
| Strength of adhesive                     | 0.1 mm                    |
| Manufacturing process                    | Digital printing          |
| Chemical resistance (at 23 °C over 24 h) | Diesel oil                |
|                                          | Heptane                   |
|                                          | Transformer oil           |
|                                          | White spirit              |
| Curing                                   | 72 h                      |
| Surface protection                       | Polyester, matt           |

### Environmental data

|                                    |                            |
|------------------------------------|----------------------------|
| Ambient temperature, operation     | -40 ... 120 °C             |
| Processing temperature             | 0 ... 45 °C                |
| Recommended processing temperature | 10 ... 25 °C               |
| Resistance                         | Humidity                   |
|                                    | Salt spray fog (150 h/5 %) |
|                                    | UV light                   |
| Temperature resistance             | -40 ... 120 °C             |
| Property of base                   | Clean                      |
|                                    | Dry                        |
|                                    | Free of grease             |
|                                    | Smooth                     |

### Classification

|                       |          |
|-----------------------|----------|
| Customs tariff number | 48211010 |
| ECLASS 5.1.4          | 27280190 |
| ECLASS 8.0            | 27280190 |
| ECLASS 9.0            | 27280192 |
| ECLASS 10.0           | 27280192 |
| ECLASS 11.0           | 27280192 |
| ECLASS 12.0           | 27280192 |
| ECLASS 13.0           | 27280192 |
| ECLASS 14.0           | 27280192 |
| ECLASS 15.0           | 27280192 |
| ETIM 5.0              | EC002498 |
| ETIM 6.0              | EC003015 |
| ETIM 7.0              | EC003015 |
| ETIM 8.0              | EC003015 |
| ETIM 9.0              | EC003015 |
| ETIM 10.0             | EC003015 |

## Part number code

Part designation: **BCB AAA BBB CCCC DDDD E**
**BCB**                      **Bar code tape**

|             |                                                                                                                                                                                                                                                                                                                |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>BCB</b>  | <b>Series</b><br>BCB: Bar code tape                                                                                                                                                                                                                                                                            |
| <b>AAA</b>  | <b>Grid / grid dimension</b><br>G30: 30 mm<br>G40: 40 mm                                                                                                                                                                                                                                                       |
| <b>BBB</b>  | <b>Tape height / special height</b><br>H25: height 25 mm<br>H47: height 47 mm<br>SH1: special height, individually between 20 - 32 mm<br>SH2: special height, individually between 33 - 47 mm<br>SH3: special height, individually between 48 - 70 mm<br>SH4: special height, individually between 71 - 140 mm |
| <b>CCCC</b> | <b>Tape length / special length</b><br>Lxxx: tape length in mm<br>SL: Special length                                                                                                                                                                                                                           |

Part number code

| BCBBar code tape                                                                 |                                                                                                                                                                                                                                                                                                                   |
|----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DDDD                                                                             | <b>Options</b><br>TWIN: two identical printed tapes<br>MVS: Measurement Value Switch (color red)<br>MV0: Measurement Value Zero (color yellow)<br>ML: Marker label<br>RW: Reverse Winding (changed winding direction, the smallest position value is inside on the wrapping core)<br>RK: Repair Kit (repair tape) |
| E                                                                                | <b>Customer-specific design</b><br>A: Code content ML = AA1 color red<br>B: Code content ML = BB1 color red<br>C: Code content ML = CC1 color red<br>D: Code content ML = DD1 color red<br>E: Code content ML = EE1 color red<br>F: Code content ML = FF1 color red<br>G: code content ML = CC1 color red         |
| <b>Note</b>                                                                      |                                                                                                                                                                                                                                                                                                                   |
|  | <p>A list with all available device types can be found on the Leuze website at <a href="http://www.leuze.com">www.leuze.com</a>.</p>                                                                                                                                                                              |