

## Technical data sheet Interconnection cable

Part no.: 50128804

KB 307-10000 FLEX

### Contents

- Technical data
- Electrical connection



Figure can vary



## Technical data

### Basic data

|                        |          |
|------------------------|----------|
| Suitable for           | BPS 307i |
| Suitable for interface | SSI      |

### Connection

#### Connection 1

|                    |                  |
|--------------------|------------------|
| Type of connection | Socket connector |
| No. of pins        | 32 -pin          |

#### Connection 2

|                    |          |
|--------------------|----------|
| Type of connection | Open end |
|--------------------|----------|

#### Cable properties

|                             |   |
|-----------------------------|---|
| Number of conductors        | 10 Piece(s)   |
| Sheathing color             | Gray  |
| Shielded                    | Yes   |
| Cable design                | Interconnection cable   |
| Cable diameter (external)   | 8.5 mm  |
| Cable length                | 10,000 mm   |
| Sheathing material          | PUR   |
| Suitability for drag chains | Yes   |
| Traverse rate               | Max. 3.3 m/s with horiz. traverse path of 5m and max. acceleration of 5m/s <sup>2</sup> |

### Classification

|                       |          |
|-----------------------|----------|
| Customs tariff number | 85444290 |
| eCl@ss 5.1.4          | 27279201 |
| eCl@ss 8.0            | 27279218 |
| eCl@ss 9.0            | 27060311 |
| eCl@ss 10.0           | 27060311 |
| eCl@ss 11.0           | 27060311 |
| ETIM 5.0              | EC001855 |
| ETIM 6.0              | EC001855 |
| ETIM 7.0              | EC001855 |

## Electrical connection

### Connection 1

|                    |                  |
|--------------------|------------------|
| Type of connection | Socket connector |
| No. of pins        | 32 -pin          |

### Connection 2

|                    |          |
|--------------------|----------|
| Type of connection | Open end |
|--------------------|----------|

### Conductor color

### Conductor assignment

|        |        |
|--------|--------|
| Gray   | FE     |
| White  | GNDIN  |
| Brown  | VIN    |
| Violet | SWIO 1 |
| Black  | SWIO 2 |
| Blue   | CLK-   |
| Green  | DATA-  |
| Red    | CLK+   |
| Yellow | DATA+  |
| Pink   | n.c.   |