

## Technical data sheet

### Modular connection unit

Part no.: 50129663  
MA 900

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For illustration purposes only



## Technical data

### Basic data

|              |                                  |
|--------------|----------------------------------|
| Series       | MA 900                           |
| Suitable for | BCL 900i series bar code readers |

### Interface

|      |                |
|------|----------------|
| Type | RS 232, RS 422 |
|------|----------------|

### Connection

|                       |            |
|-----------------------|------------|
| Number of connections | 1 Piece(s) |
|-----------------------|------------|

#### Connection 1

|                    |                      |
|--------------------|----------------------|
| Function           | BUS IN               |
|                    | BUS OUT              |
|                    | Connection to device |
|                    | Data interface       |
|                    | PWR / SW IN / OUT    |
| Type of connection | Sub-D                |
| No. of pins        | 25 -pin              |

### Mechanical data

|                       |                         |
|-----------------------|-------------------------|
| Design                | Cubic                   |
| Dimension (W x H x L) | 193 mm x 180 mm x 71 mm |
| Housing material      | Plastic                 |
| Net weight            | 800 g                   |
| Housing color         | Black                   |
|                       | Red                     |

### Operation and display

|                 |            |
|-----------------|------------|
| Type of display | LED        |
| Number of LEDs  | 6 Piece(s) |

### Certifications

|                      |         |
|----------------------|---------|
| Degree of protection | IP 65   |
| Approvals            | c UL US |

### Classification

|                       |          |
|-----------------------|----------|
| Customs tariff number | 84733080 |
| ECLASS 5.1.4          | 27069190 |
| ECLASS 8.0            | 27069190 |
| ECLASS 9.0            | 27069190 |
| ECLASS 10.0           | 27069190 |
| ECLASS 11.0           | 27069090 |
| ECLASS 12.0           | 27069090 |
| ECLASS 13.0           | 27069090 |
| ECLASS 14.0           | 27069090 |
| ECLASS 15.0           | 27069090 |
| ECLASS 16.0           | 27069090 |
| ETIM 5.0              | EC001855 |
| ETIM 6.0              | EC001855 |
| ETIM 7.0              | EC001855 |
| ETIM 8.0              | EC001855 |
| ETIM 9.0              | EC001855 |
| ETIM 10.0             | EC001855 |
| UNSPSC 26.08          | 26121600 |

## Electrical connection

### Connection 1

|                    |                      |
|--------------------|----------------------|
| Function           | BUS IN               |
|                    | BUS OUT              |
|                    | Connection to device |
|                    | Data interface       |
|                    | PWR / SW IN / OUT    |
| Type of connection | Sub-D                |
| Type               | Female               |
| No. of pins        | 25 -pin              |

## Operation and display

| LED        | Display | Meaning                             |
|------------|---------|-------------------------------------|
| 1 POWER    | Blue    | Supply voltage on                   |
| 2 TRIGGER  | Green   | State of input - trigger-sensor     |
| 3 ENC/TACH | Green   | State of input - encoder/tachometer |
| 4 IN3      | Green   | State of input 3                    |
| 5 OUT 1    | Yellow  | State of output 1                   |
| 6 OUT 2    | Yellow  | State of output 2                   |

## Accessories

### Connection technology - Interconnection cables

|  | Part no. | Designation | Article               | Description  |
|--|----------|-------------|-----------------------|--|
|  | 50131529 | KB 900-3000 | Interconnection cable | Connection 1: Connector, M12, Axial, Female, A-coded, 17 -pin<br>Connection 2: Sub-HD, Axial, Male, 25 -pin<br>Shielded: Yes<br>Cable length: 3,000 mm |

#### Note



A list with all available accessories can be found on the Leuze website in the Download tab of the article detailed page.