



**Part no.: 53800125**  
**CU411-RS4**  
**Connection unit**



Figure can vary

## Contents

- Technical data
- Electrical connection

Part no.: 53800125 – CU411-RS4 – Connection unit

## Technical data

### Basic data

|              |                                                              |
|--------------|--------------------------------------------------------------|
| Suitable for | RSL 410 safety laser scanner<br>RSL 420 safety laser scanner |
|--------------|--------------------------------------------------------------|

### Connection

|                       |            |
|-----------------------|------------|
| Number of connections | 2 Piece(s) |
|-----------------------|------------|

#### Connection 1

|                    |                   |
|--------------------|-------------------|
| Type of connection | Cable with Sub-D  |
| Function           | Machine interface |
| Cable length       | 450 mm            |
| Sheathing material | PUR               |
| Cable color        | Black             |

#### Connection 2

|                    |                |
|--------------------|----------------|
| Type of connection | Connector      |
| Function           | Data interface |
| Thread size        | M12            |
| Type               | Female         |
| Material           | Metal          |
| No. of pins        | 5 -pin         |
| Encoding           | D-coded        |

### Mechanical data

|                       |                               |
|-----------------------|-------------------------------|
| Dimension (W x H x L) | 140.2 mm x 72.8 mm x 140.3 mm |
| Housing material      | Metal , Diecast zinc          |
| Net weight            | 15,210 g                      |
| Housing color         | Black                         |
| Type of fastening     | Bayonet system                |

### Classification

|                       |          |
|-----------------------|----------|
| Customs tariff number | 85389099 |
| eCl@ss 8.0            | 27279290 |
| eCl@ss 9.0            | 27279290 |
| ETIM 5.0              | EC002498 |
| ETIM 6.0              | EC002498 |

## Electrical connection

| Connection 1       |                   |
|--------------------|-------------------|
| Type of connection | Cable with Sub-D  |
| Function           | Machine interface |
| Cable length       | 450 mm            |
| Sheathing material | PUR               |
| Cable color        | Black             |
| Type               | Female            |
| No. of pins        | 15 -pin           |

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| Pin | Pin assignment | Conductor color |
|-----|----------------|-----------------|
| 1   | 0 V            | Blue            |
| 2   | RES-I          | White           |
| 3   | +24V           | Brown           |
| 4   | F1             | Black           |
| 5   | A1             | Yellow          |
| 6   | F2             | Violet          |
| 7   | F3             | Gray<br>Pink    |
| 8   | F4             | Blue<br>Red     |
| 9   | n.c.           | -               |
| 10  | n.c.           | -               |
| 11  | OSSDA1         | Gray            |
| 12  | OSSDA2         | Pink            |
| 13  | n.c.           | -               |
| 14  | n.c.           | -               |
| 15  | MELD           | Red             |

| Connection 2       |                |
|--------------------|----------------|
| Type of connection | Connector      |
| Function           | Data interface |
| Thread size        | M12            |
| Type               | Female         |
| Material           | Metal          |
| No. of pins        | 5 -pin         |
| Encoding           | D-coded        |
| Connector housing  | FE/SHIELD      |

| Pin | Pin assignment | Conductor color |
|-----|----------------|-----------------|
| 1   | TD+            | Yellow          |
| 2   | RD+            | White           |
| 3   | TD-            | Orange          |
| 4   | RD-            | Blue            |

