

## Technical data sheet

### Connection unit

Part no.: 53800150

CU400P-3M12

#### Contents

- Technical data
- Electrical connection



For illustration purposes only



## Technical data

### Basic data

|              |                               |
|--------------|-------------------------------|
| Suitable for | RSL 420P safety laser scanner |
|              | RSL 450P safety laser scanner |
|              | RSL 455P safety laser scanner |

### Connection

|                       |                                          |
|-----------------------|------------------------------------------|
| Number of connections | 3 Piece(s)                               |
| <b>Connection 1</b>   |                                          |
| Function              | Voltage supply                           |
| Type of connection    | Connector                                |
| Thread size           | M12                                      |
| Type                  | Male                                     |
| Material              | Metal                                    |
| No. of pins           | 4 -pin                                   |
| Encoding              | A-coded                                  |
| <b>Connection 2</b>   |                                          |
| Function              | PROFINET/PROFIsafe communication, input  |
| Type of connection    | Connector                                |
| Thread size           | M12                                      |
| Type                  | Female                                   |
| Material              | Metal                                    |
| No. of pins           | 4 -pin                                   |
| Encoding              | D-coded                                  |
| <b>Connection 3</b>   |                                          |
| Function              | PROFINET/PROFIsafe communication, output |
| Type of connection    | Connector                                |
| Thread size           | M12                                      |
| Type                  | Female                                   |
| Material              | Metal                                    |
| No. of pins           | 4 -pin                                   |
| Encoding              | D-coded                                  |

### Mechanical data

|                       |                             |
|-----------------------|-----------------------------|
| Dimension (W x H x L) | 140.2 mm x 93.8 mm x 142 mm |
| Housing material      | Metal                       |
| Metal housing         | Diecast zinc                |
| Housing color         | Black                       |
| Type of fastening     | Bayonet system              |

### Classification

|                       |          |
|-----------------------|----------|
| Customs tariff number | 85389099 |
| ECLASS 5.1.4          | 27279290 |
| ECLASS 8.0            | 27279290 |
| ECLASS 9.0            | 27279090 |
| ECLASS 10.0           | 27272791 |
| ECLASS 11.0           | 27272791 |
| ECLASS 12.0           | 27272791 |
| ECLASS 13.0           | 27272791 |
| ECLASS 14.0           | 27272791 |
| ECLASS 15.0           | 27272791 |
| ETIM 5.0              | EC002498 |
| ETIM 6.0              | EC003015 |
| ETIM 7.0              | EC003015 |
| ETIM 8.0              | EC003015 |
| ETIM 9.0              | EC003015 |
| ETIM 10.0             | EC003015 |

## Electrical connection

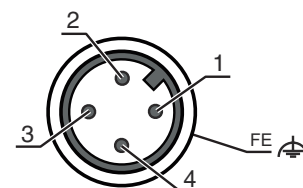
### Connection 1

### XD1

|                    |                |
|--------------------|----------------|
| Function           | Voltage supply |
| Type of connection | Connector      |
| Thread size        | M12            |
| Type               | Male           |
| Material           | Metal          |
| No. of pins        | 4 -pin         |
| Encoding           | A-coded        |
| Connector housing  | FE/SHIELD      |

### Pin Pin assignment

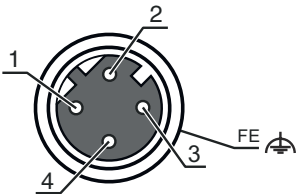
|   |       |
|---|-------|
| 1 | +24 V |
| 2 | EA1   |
| 3 | 0 V   |
| 4 | EA2   |



Electrical connection

| Connection 2       |                                         | XF1 |
|--------------------|-----------------------------------------|-----|
| Function           | PROFINET/PROFIsafe communication, input |     |
| Type of connection | Connector                               |     |
| Thread size        | M12                                     |     |
| Type               | Female                                  |     |
| Material           | Metal                                   |     |
| No. of pins        | 4 -pin                                  |     |
| Encoding           | D-coded                                 |     |
| Connector housing  | FE/SHIELD                               |     |

| Pin | Pin assignment |
|-----|----------------|
| 1   | TD+            |
| 2   | RD+            |
| 3   | TD-            |
| 4   | RD-            |



| Connection 3       |                                          | XF2 |
|--------------------|------------------------------------------|-----|
| Function           | PROFINET/PROFIsafe communication, output |     |
| Type of connection | Connector                                |     |
| Thread size        | M12                                      |     |
| Type               | Female                                   |     |
| Material           | Metal                                    |     |
| No. of pins        | 4 -pin                                   |     |
| Encoding           | D-coded                                  |     |
| Connector housing  | FE/SHIELD                                |     |

| Pin | Pin assignment |
|-----|----------------|
| 1   | TD+            |
| 2   | RD+            |
| 3   | TD-            |
| 4   | RD-            |

