



**Part no.: 53800182**  
**CU416-50000**  
**Connection unit**



Figure can vary

## Contents

- Technical data
- Electrical connection

Part no.: 53800182 – CU416-50000 – Connection unit

## Technical data

### Basic data

Suitable for RSL 420 safety laser scanner

### Connection

Number of connections 2 Piece(s)

#### Connection 1

Type of connection	Cable
Function	Machine interface
Cable length	50,000 mm
Sheathing material	PUR
Cable color	Black
Number of conductors	16 -wire

#### 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	3,770 g
Housing color	Black
Type of fastening	Bayonet system

### Classification

Customs tariff number	85444290
eCl@ss 8.0	27279290
eCl@ss 9.0	27279090
ETIM 5.0	EC002498
ETIM 6.0	EC002498

## Electrical connection

Connection 1	
Type of connection	Cable
Function	Machine interface
Cable length	50,000 mm
Sheathing material	PUR
Cable color	Black
Number of conductors	16 -wire

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Conductor color	Conductor assignment
White	RES1
Brown	+24V
Green	EA1
Yellow	A1
Gray	OSSDA1
Pink	OSSDA2
Blue	GND / Ground
Red	MELD
Black	F1
Violet	F2
Gray Pink	F3
Blue Red	F4
Green White	F5
Brown Green	SE1
White Yellow	SE2
Brown Yellow	A2

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
1	TD+
2	RD+
3	TD-
4	RD-

