



Part no.: 53800180
CU416-300-WPU
Connection unit



Figure can vary

Contents

- Technical data
- Electrical connection

Part no.: 53800180 – CU416-300-WPU – 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 with connector
Function	Machine interface
Cable length	300 mm
Sheathing material	PVC
Cable color	Black
Thread size	M30
Type	Male
Material	Plastic
No. of pins	16 -pin

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	1,830 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

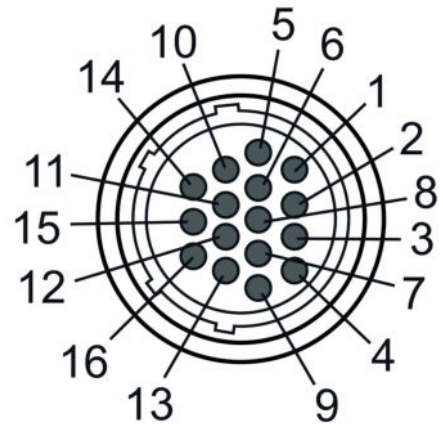
Electrical connection

Connection 1	
Type of connection	Cable with connector
Function	Machine interface
Cable length	300 mm
Sheathing material	PVC
Cable color	Black

Part no.: 53800180 – CU416-300-WPU – Connection unit

Connection 1	
Wire cross section supply	1 mm ²
Wire cross section signals	0.14 mm ²
Thread size	M30
Type	Male
Material	Plastic
No. of pins	16 -pin
Connector housing	FE/SHIELD

Pin	Pin assignment	Conductor color
1	RES1	White
2	+24V	Brown
3	EA1	Green
4	A1	Yellow
5	OSSDA1	Gray
6	OSSDA2	Pink
7	GND / Ground	Blue
8	MELD	Red
9	F1	Black
10	F2	Violet
11	F3	Gray Pink
12	F4	Blue Red
13	F5	Green White
14	SE1	Brown Green
15	SE2	White Yellow
16	A2	Brown Yellow



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

