

Technical data sheet

Connection unit

Part no.: 53800118

CU416-5000

Contents

- Technical data
- Electrical connection



Figure can vary



Technical data

Basic data

Suitable for	RSL 420 safety laser scanner
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Connection

Number of connections	2 Piece(s)
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Connection 1

Function	Machine interface
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Type of connection	Cable
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Cable length	5,000 mm
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Sheathing material	PUR
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Cable color	Black
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Number of conductors	16 -wire
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Connection 2

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

Dimension (W x H x L)	140.2 mm x 72.8 mm x 140.3 mm
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Housing material	Metal
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Metal housing	Diecast zinc
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Net weight	1,830 g
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Housing color	Black
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Type of fastening	Bayonet system
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Classification

Customs tariff number	85444290
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eCl@ss 5.1.4	27279290
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eCl@ss 8.0	27279290
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eCl@ss 9.0	27279090
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eCl@ss 10.0	27272791
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eCl@ss 11.0	27272791
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ETIM 5.0	EC002498
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ETIM 6.0	EC003015
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ETIM 7.0	EC003015
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Electrical connection

Connection 1

Function	Machine interface
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Type of connection	Cable
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Cable length	5,000 mm
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Sheathing material	PUR
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Cable color	Black
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Number of conductors	16 -wire
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Conductor color

Conductor assignment

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

Connection 2

Function	Data interface
Type of connection	Connector
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

