

Technical data sheet

Connection unit

Part no.: 53800125

CU411-RS4

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For illustration purposes only



Technical data

Basic data

Suitable for	RSL 410 safety laser scanner RSL 420 safety laser scanner
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Connection

Number of connections	2 Piece(s)
Connection 1	
Function	Machine interface
Type of connection	Cable with Sub-D
Cable length	450 mm
Sheathing material	PUR
Cable color	Black
No. of pins	15 -pin
Connection 2	
Function	Data interface
Type of connection	Connector
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
Metal housing	Diecast zinc
Net weight	15,210 g
Housing color	Black
Type of fastening	Bayonet system

Certifications

Approvals	c TÜV Süd US TÜV Süd
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Classification

Customs tariff number	85389099
ECLASS 5.1.4	27279090
ECLASS 8.0	27279090
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
ECLASS 16.0	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

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

Pin	Pin assignment	Conductor color
1	0 V	Blue
2	RES-I	White
3	+24 V	Brown
4	F1	Black
5	A1	Yellow
6	F2	Violet
7	F3	Gray / Pink
8	F4	Blue / Red
9	n.c.	-

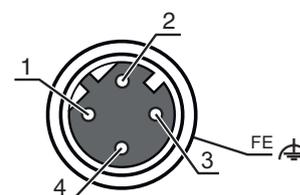
Electrical connection

Pin	Pin assignment	Conductor color
10	n.c.	-
11	OSSDA1	Gray
12	OSSDA2	Pink
13	n.c.	-
14	n.c.	-
15	MELD	Red

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



Accessories

Connection technology - Connection cables

	Part no.	Designation	Article	Description
	548521	CB-D15E-10000S-11GF	Connection cable	Application: Oil and lubricant resistant Parameter memory: Yes Connection 1: Sub-D, Axial, Female, 15 -pin Connector, LED: No Connection 2: Open end Shielded: Yes Cable length: 10,000 mm Sheathing material: PUR
	548522	CB-D15E-25000S-11GF	Connection cable	Application: Oil and lubricant resistant Parameter memory: Yes Connection 1: Sub-D, Axial, Female, 15 -pin Connector, LED: No Connection 2: Open end Shielded: Yes Cable length: 25,000 mm Sheathing material: PUR
	548523	CB-D15E-50000S-11GF	Connection cable	Application: Oil and lubricant resistant Parameter memory: Yes Connection 1: Sub-D, Axial, Female, 15 -pin Connector, LED: No Connection 2: Open end Shielded: Yes Cable length: 50,000 mm Sheathing material: PUR
	548520	CB-D15E-5000S-11GF	Connection cable	Application: Oil and lubricant resistant Parameter memory: Yes Connection 1: Sub-D, Axial, Female, 15 -pin Connector, LED: No Connection 2: Open end Shielded: Yes Cable length: 5,000 mm Sheathing material: PUR

Accessories

Connection technology - Connectors

	Part no.	Designation	Article	Description
	520083	AC-D15E-GF	Connection cable	Connection: Sub-D, Axial, Female, 15 -pin

Note



A list with all available accessories can be found on the Leuze website in the Download tab of the article detailed page.