

Technical data sheet

Connection unit

Part no.: 53800124

CU405-2M12

Contents

- Technical data
- Electrical connection



For illustration purposes only



Technical data

Basic data

Suitable for	RSL 410 safety laser scanner
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Connection

Number of connections	3 Piece(s)
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Connection 1

Function	Machine interface
Type of connection	Connector
Thread size	M12
Type	Male
Material	Metal
No. of pins	4 -pin
Encoding	A-coded

Connection 2

Function	Machine interface
Type of connection	Connector
Thread size	M12
Type	Male
Material	Metal
No. of pins	4 -pin
Encoding	A-coded

Connection 3

Function	Data interface
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 72.8 mm x 140.3 mm
Housing material	Metal
Metal housing	Diecast zinc
Net weight	1,275 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
UNSPSC 26.08	31242100

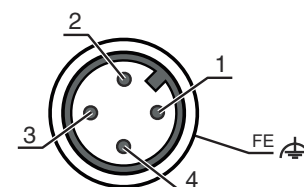
Electrical connection

Connection 1

X1

Function	Machine interface
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	Conductor color
1	+24 V DC	Brown
2	OSSDA2	White
3	0 V	Blue
4	OSSDA1	Black



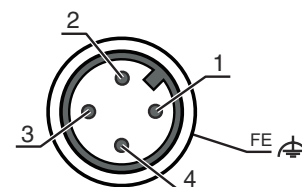
Electrical connection

Connection 2

X2

Function	Machine interface
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	Conductor color
1	MELD IN	Brown
2	n.c.	White
3	n.c.	Blue
4	MELD OUT	Black



Connection 3

ETH

Function	Data interface
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	Conductor color
1	TD+	Yellow
2	RD+	White
3	TD-	Orange
4	RD-	Blue

