

Technical data sheet

Connection unit

Part no.: 53800150

CU400P-3M12

Contents

- Technical data
- Electrical connection



Figure can vary



Technical data

Basic data

Suitable for	RSL 420P safety laser scanner
	RSL 450P safety laser scanner
	RSL 455P safety laser scanner

Connection

Number of connections	3 Piece(s)
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Connection 1

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

Connection 2

Function	PROFINET/PROFIsafe communication, input
Type of connection	Connector
Thread size	M12
Type	Female
Material	Metal
No. of pins	4 -pin
Encoding	D-coded

Connection 3

Function	PROFINET/PROFIsafe communication, output
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 93.8 mm x 142 mm
Housing material	Metal
Metal housing	Diecast zinc
Housing color	Black
Type of fastening	Bayonet system

Classification

Customs tariff number	85389099
eCl@ss 5.1.4	27279290
eCl@ss 8.0	27279290
eCl@ss 9.0	27279090
eCl@ss 10.0	27272791
eCl@ss 11.0	27272791
ETIM 5.0	EC002498
ETIM 6.0	EC003015
ETIM 7.0	EC003015

Electrical connection

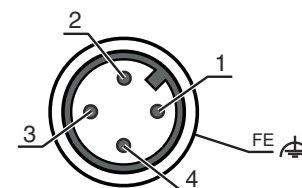
Connection 1

XD1

Function	Voltage supply
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
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1	+24V
2	EA1
3	0 V
4	EA2



Electrical connection

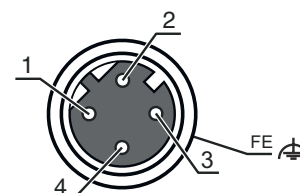
Connection 2

XF1

Function	PROFINET/PROFIsafe communication, input
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
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1	TD+
2	RD+
3	TD-
4	RD-



Connection 3

XF2

Function	PROFINET/PROFIsafe communication, output
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
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1	TD+
2	RD+
3	TD-
4	RD-

