Technical data sheet
Connection unit
Part no.: 53800150
CU400P-3M12

For Illustration purposes only

Contents

- Technical data
- Electrical connection

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)

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
Net weight	1,700 g
Housing color	Black
Type of fastening	Bayonet system

Classification

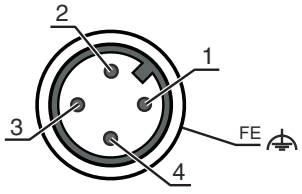
Customs tariff number	85389099
ECLASS 5.1.4	27279290
ECLASS 8.0	27279290
ECLASS 9.0	27279090
ECLASS 10.0	27272791
ECLASS 11.0	27272791
ECLASS 12.0	27272791
ECLASS 13.0	27272791
ECLASS 14.0	27272791
ECLASS 15.0	27272791
ECLASS 16.0	27272791
ETIM 5.0	EC002498
ETIM 6.0	EC003015
ETIM 7.0	EC003015
ETIM 8.0	EC003015
ETIM 9.0	EC003015
ETIM 10.0	EC003015

Electrical connection

Connection 1 — 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

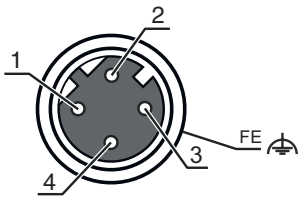
Pin	Pin assignment
1	+24 V
2	EA1
3	0 V
4	EA2

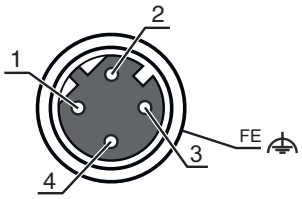


Electrical connection

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
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
1	TD+
2	RD+
3	TD-
4	RD-