



Part no.: 53800121
CU429-5000
Connection unit



Figure can vary

Contents

- Technical data
- Electrical connection

Part no.: 53800121 – CU429-5000 – Connection unit

Technical data

Basic data

Suitable for	RSL 430 safety laser scanner RSL 440 safety laser scanner
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Connection

Number of connections	2 Piece(s)
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Connection 1

Type of connection	Cable
Function	Machine interface
Cable length	5,000 mm
Sheathing material	PUR
Cable color	Black
Number of conductors	29 -wire

Connection 2

Type of connection	Connector
Function	Data interface
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 , Diecast zinc
Net weight	2,080 g
Housing color	Black
Type of fastening	Bayonet system

Classification

Customs tariff number	85444290
eCl@ss 8.0	27279290
eCl@ss 9.0	27279090
ETIM 5.0	EC002498
ETIM 6.0	EC002498

Electrical connection

Connection 1	
Type of connection	Cable
Function	Machine interface
Cable length	5,000 mm
Sheathing material	PUR
Cable color	Black
Number of conductors	29 -wire

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Conductor color	Conductor assignment
White	RES1
Brown	+24V
Green	EA1
Yellow	A1
Gray	OSSDA1
Pink	OSSDA2
Blue	GND / Ground
Red	MELD
Black	F1
Violet	F2
Gray Pink	F3
Blue Red	F4
Green White	F5
Brown Green	SE1
White Yellow	SE2
Brown Yellow	A2
Gray White	A3
Brown Gray	A4
Pink White	EA2

Connection 2	
Type of connection	Connector
Function	Data interface
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

