

Technical data sheet Interconnection cable

Part no.: 548951

CB-M12-Y1A

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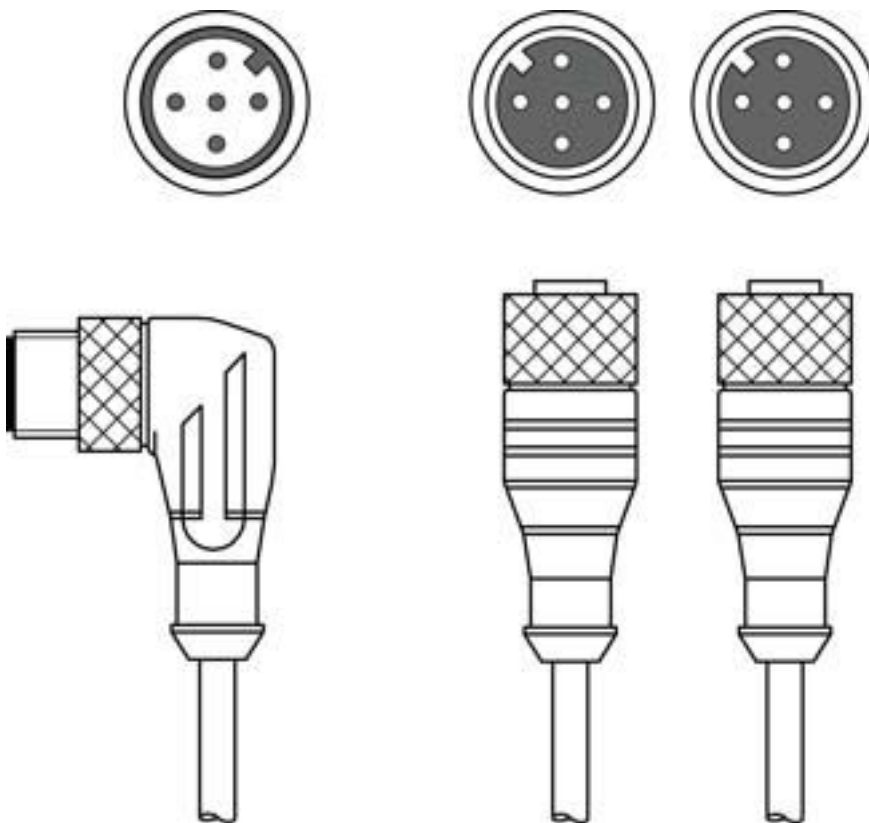


Figure can vary



Technical data

Connection

Connection 1

Type of connection	Connector
Thread size	M12
Type	Male
Handle body material	PUR
Handle body color	Black
No. of pins	5 -pin
Encoding	A-coded
Design	Angled

Connection 2

Type of connection	Connector
Thread size	M12
Type	Female
Handle body material	PUR
Handle body color	Black
No. of pins	5 -pin
Encoding	A-coded
Design	Axial

Connection 3

Type of connection	Connector
Thread size	M12
Type	Female
Handle body material	PUR
No. of pins	5 -pin
Encoding	A-coded
Design	Axial
Handle body color	Black
Bridged	Pin 1 <-> Pin 4

Cable properties

Number of conductors	5 Piece(s)
Wire cross section	0.34 mm ²
AWG	22
Sheathing color	Black
Shielded	Yes
Silicone-free	Yes
Cable design	Distribution cable
Cable diameter (external)	6 mm
Cable length	10,570 mm
Cable length fork 1	750 mm
Cable length fork 2	10,000 mm
Sheathing material	PUR
Wire insulation	PP
Suitability for drag chains	No

Mechanical data

Width across flats	13 mm
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Environmental data

Ambient temperature, operation	-25 ... 80 °C
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Certifications

Degree of protection	IP 67
Certifications	c UL
	UL

Classification

Customs tariff number	85444290
eCl@ss 8.0	27279218
eCl@ss 9.0	27060311
ETIM 5.0	EC001855
ETIM 6.0	EC001855

Electrical connection

Connection 1

Type of connection	Connector
Thread size	M12
Type	Male
Handle body material	PUR
Handle body color	Black
No. of pins	5 -pin
Encoding	A-coded
Design	Angled

Electrical connection

Connection 2

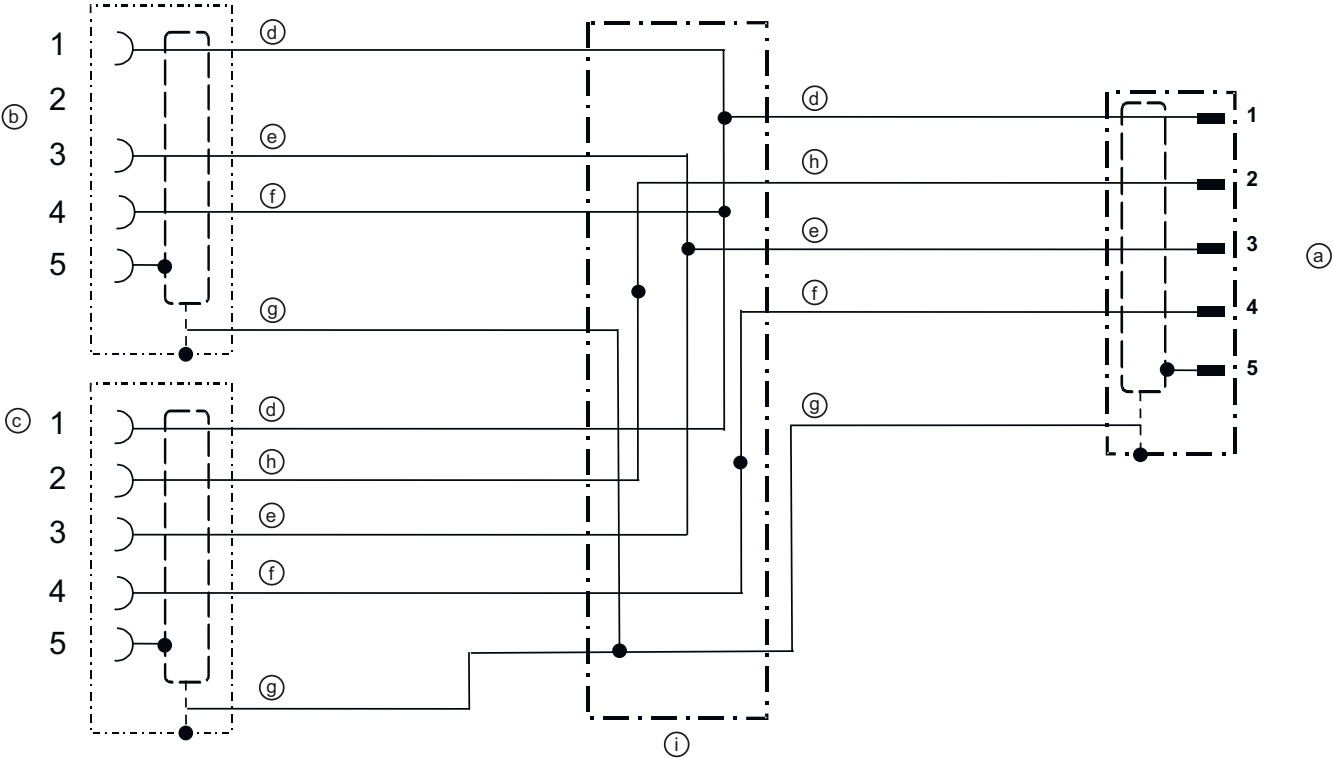
Type of connection	Connector
Thread size	M12
Type	Female
Handle body material	PUR
Handle body color	Black
No. of pins	5 -pin
Encoding	A-coded
Design	Axial

Connection 3

Type of connection	Connector
Thread size	M12
Type	Female
Handle body material	PUR
No. of pins	5 -pin
Encoding	A-coded
Design	Axial
Handle body color	Black
Bridged	Pin 1 <-> Pin 4

Circuit diagrams

Connection diagram



- a

Connector, M12
- b

Socket, M12
- c

Socket, M12
- d

Brown wire
- e

Blue wire
- f

Black wire
- g

Shielded
- h

White wire
- i

T-connector

Accessories

General

	Part no.	Designation	Article	Description
	50132266	TT-Set 0,6-13	Tool	Type: Torque key Width across flats: 13 mm Torque: 0.6 N·m Material: Plastic, Stainless steel Ambient temperature: -40 ... 120 °C

Note



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