

Technical data sheet

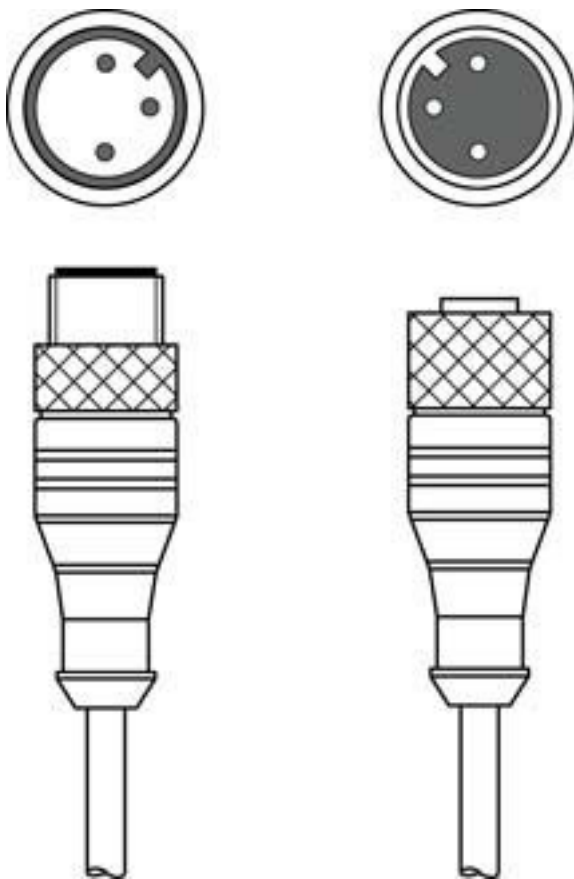
Interconnection cable

Part no.: 548051

CB-M12-1500X-3GF/GM

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- Technical data
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- Circuit diagrams



For illustration purposes only



Technical data

Basic data

Application	Oil and lubricant resistant
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Connection

Connection 1

Type of connection	Connector
Thread size	M12
Type	Female
Handle body material	TPU
No. of pins	3 -pin
Version	Axial
Connector, LED	No
Operating current per contact	4 A
Lock	Screw fitting

Connection 2

Type of connection	Connector
Thread size	M12
Type	Male
Handle body material	TPU
No. of pins	3 -pin
Version	Axial
Operating current per contact	4 A

Cable properties

Number of conductors	3 Piece(s)
Wire cross section	0.34 mm ²
Sheathing color	Black
Shielded	No
Cable design	Interconnection cable
Cable diameter (external)	4.3 mm
Cable length	1,500 mm
Conductor material	Copper
Sheathing material	PUR
Suitability for drag chains	Yes
Traverse rate	Max. 3.3 m/s with horiz. traverse path of 5m and and max. acceleration of 5m/s ²

Environmental data

Ambient temperature, operation, stationary use	-25 ... 80 °C
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Classification

Customs tariff number	85444290
ECLASS 5.1.4	27279201
ECLASS 8.0	27279218
ECLASS 9.0	27060311
ECLASS 10.0	27060311
ECLASS 11.0	27060311
ECLASS 12.0	27060311
ECLASS 13.0	27060311
ECLASS 14.0	27060311
ECLASS 15.0	27060311
ETIM 5.0	EC001855
ETIM 6.0	EC001855
ETIM 7.0	EC001855
ETIM 8.0	EC001855
ETIM 9.0	EC001855
ETIM 10.0	EC001855

Electrical connection

Connection 1

Type of connection	Connector
Thread size	M12
Type	Female
Handle body material	TPU
No. of pins	3 -pin
Version	Axial
Connector, LED	No
Operating current per contact	4 A
Lock	Screw fitting

Connection 2

Circuit diagrams

1 Connection 1, M12 socket
2 Connection 2, M12 connector
a Brown wire
b Black wire
c Blue wire