

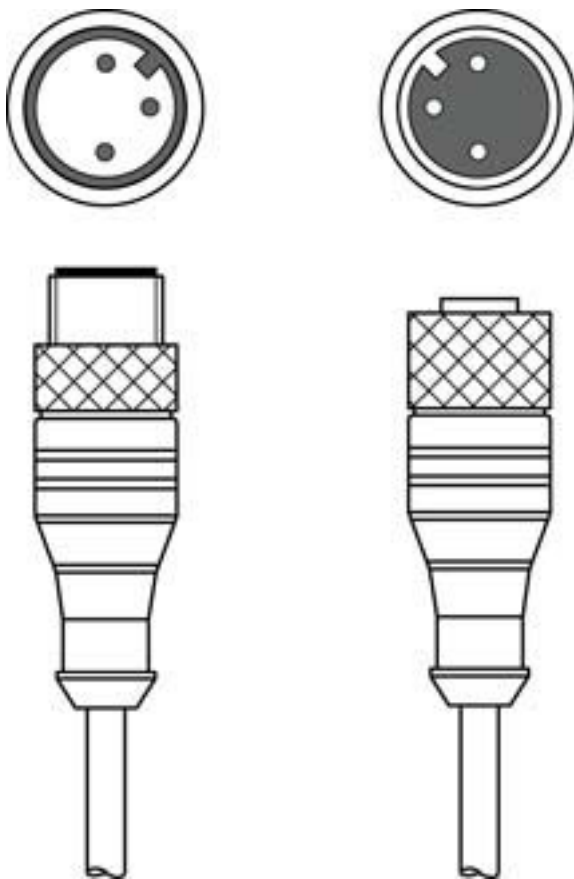
## Technical data sheet Interconnection cable

Part no.: 548051

CB-M12-1500X-3GF/GM

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- Technical data
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For illustration purposes only



## Technical data

### Basic data

|             |                             |
|-------------|-----------------------------|
| Application | Oil and lubricant resistant |
|-------------|-----------------------------|

### 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 <sup>2</sup>                                                                        |
| 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 <sup>2</sup> |

### Environmental data

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

### 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 |

Electrical connection

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       |

Circuit diagrams

Wiring schematic

