

## Technical data sheet Interconnection cable

Part no.: 50141462

KDS PL-M12-5A-M12-5A-P0-020

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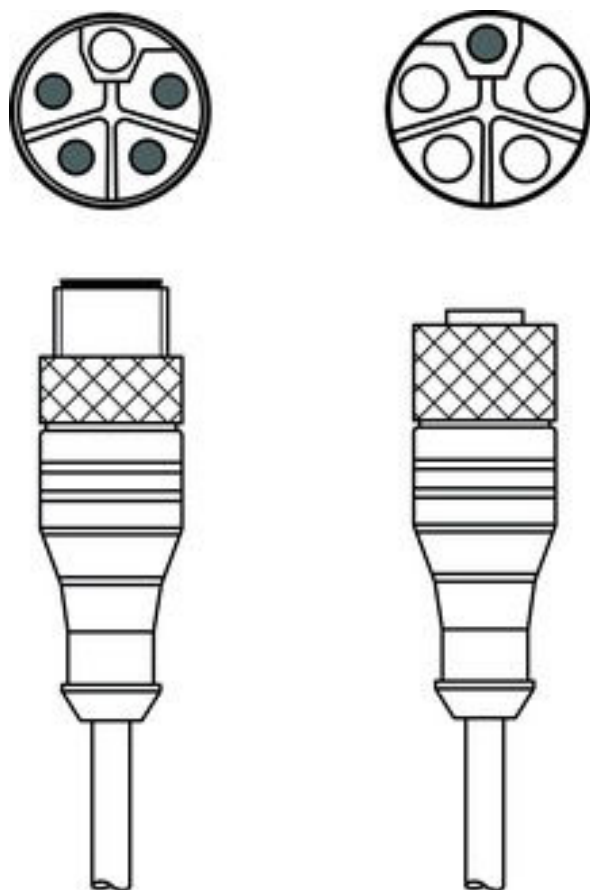


Figure can vary



## Technical data

### Basic data

Suitable for	MD 748i
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### Electrical data

#### Performance data

Operating voltage	50 V AC / 60 V DC
Rated operating current	1,600 mA

### Connection

#### Connection 1

Type of connection	Connector
Thread size	M12
Type	Male
No. of pins	5 -pin
Encoding	L-coded
Version	Axial

#### Connection 2

Type of connection	Connector
Thread size	M12
Type	Female
No. of pins	5 -pin
Encoding	L-coded
Version	Axial

#### Cable properties

Number of conductors	5 Piece(s)
Wire cross section	1.5 mm <sup>2</sup>
Sheathing color	Gray
Shielded	No
Silicone-free	Yes
Cable diameter (external)	2.35 mm
Cable length	2,000 mm
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, flexible use	-30 ... 90 °C
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Ambient temperature, operation, stationary use	-40 ... 90 °C
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### Certifications

Degree of protection	IP 65
	IP 67
	IP 69K
Certifications	c UL US

### Classification

Customs tariff number	85444290
eCl@ss 5.1.4	27279201
eCl@ss 8.0	27279218
eCl@ss 9.0	27060311
eCl@ss 10.0	27060311
eCl@ss 11.0	27060311
ETIM 5.0	EC001855
ETIM 6.0	EC001855
ETIM 7.0	EC001855

## Electrical connection

### Connection 1

Type of connection	Connector
Thread size	M12
Type	Male
No. of pins	5 -pin
Encoding	L-coded
Version	Axial

### Connection 2

Type of connection	Connector
Thread size	M12
Type	Female
No. of pins	5 -pin
Encoding	L-coded
Version	Axial

# Circuit diagrams

