

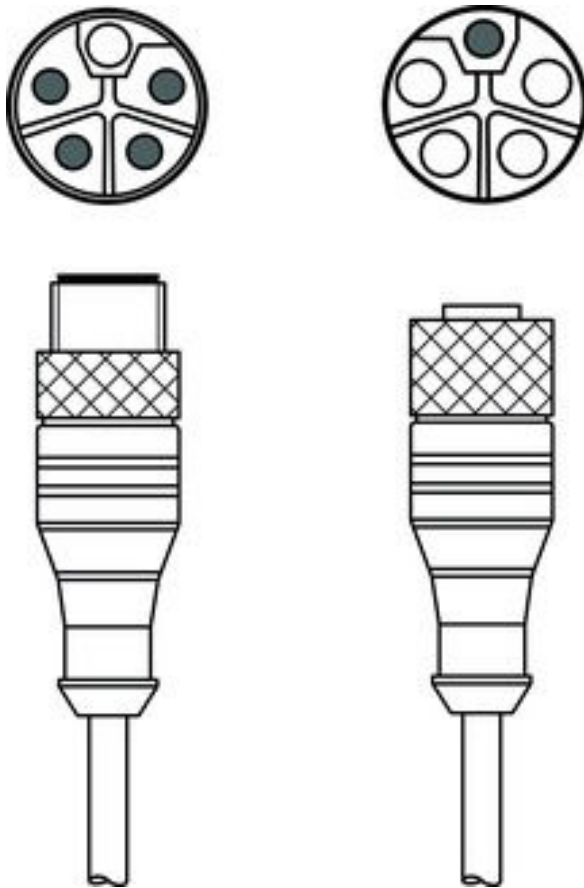
Technical data sheet Interconnection cable

Part no.: 50141462

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

Contents

- Technical data
- Electrical connection
- Circuit diagrams



For illustration purposes only



Technical data

Basic data

Suitable for	MD 748i
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Electrical data

Performance data

Operating voltage	50 V AC / 60 V DC
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Connection

Connection 1

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

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 ²
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 ²

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
Approvals	c UL US

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

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Connector, LED	No

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Type	Female
No. of pins	5 -pin
Encoding	L-coded
Version	Axial

Circuit diagrams

