

## Technical data sheet

### Connection cable

Part no.: 50143054

KD PL-M12-5A-P0-100

#### Contents

- Technical data
- Electrical connection
- Circuit diagrams



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
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### Connection

#### Connection 1

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	Yes
Cable design	Connection cable (open on one end)
Cable diameter (external)	8 mm
Cable length	10,000 mm
Sheathing material	PUR
Wire insulation	PP
Suitability for drag chains	Yes
Traverse rate	Max. 5 m/s with horiz. traverse path of 5m and and max. acceleration of 50m/s <sup>2</sup>

### Mechanical data

Bending cycles	10,000,000 Piece(s)
Bending radius, flexible laying, min.	Min. 7.5 x cable diameter
Bending radius, stationary laying, min.	Min. 4 x cable diameter

### Environmental data

Ambient temperature, operation, flexible use	-30 ... 90 °C
Ambient temperature, operation, stationary use	-40 ... 90 °C

### Certifications

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

### Classification

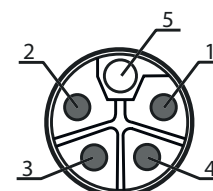
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eCl@ss 11.0	27060311
ETIM 5.0	EC001855
ETIM 6.0	EC001855
ETIM 7.0	EC001855

## Electrical connection

### Connection 1

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

Pin	Conductor color
1	Brown
2	White
3	Blue
4	Black
5	Gray



## Circuit diagrams

### Wiring schematic

