

## Technical data sheet

### Connection cable

Part no.: 50112960

K-D M12A-4P-10m-FAB

#### Contents

- Technical data
- Electrical connection
- Circuit diagrams



Figure can vary



## Technical data

### Electrical data

#### Performance data

Operating voltage	Max. 250 V AC/DC
-------------------	------------------

### Connection

#### Connection 1

Type of connection	Connector
Thread size	M12
Type	Female
Handle body material	PUR
No. of pins	4 -pin
Encoding	A-coded
Version	Axial
Lock	Screw fitting, stainless steel V4A, recommended torque 0.6 Nm, self-locking

#### Connection 2

Type of connection	Open end
--------------------	----------

#### Cable properties

Number of conductors	4 Piece(s)
Wire cross section	0.34 mm <sup>2</sup>
AWG	22
Sheathing color	Black
Shielded	No
Silicone-free	Yes
Cable design	Connection cable (open on one end)
Cable diameter (external)	5 mm
Cable length	10,000 mm
Sheathing material	PVC
Wire insulation	PVC
Suitability for drag chains	No
Properties of the outer sheathing	Free of CFC, cadmium, silicone and lead, easily machine-processable
Resistance of the outer sheathing	Good oil, gasoline and chemical resistance, flame retardant in accordance with UL 1581 VW1 / CSA FT1

### Mechanical data

Bending radius, flexible laying, min.	Min. 10 x cable diameter
---------------------------------------	--------------------------

Bending radius, stationary laying, min.	Min. 5 x cable diameter
---	-------------------------

### Environmental data

Ambient temperature, operation, flexible use	-5 ... 80 °C
--	--------------

Ambient temperature, operation, stationary use	-30 ... 80 °C
--	---------------

### Certifications

Degree of protection	IP 65
----------------------	-------

IP 67

IP 69K

Certifications	c UL US
----------------	---------

UL

### 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

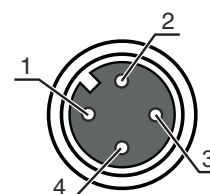
### Connection 1

Type of connection	Connector
Thread size	M12
Type	Female
Handle body material	PUR
No. of pins	4 -pin
Encoding	A-coded
Version	Axial
Lock	Screw fitting, stainless steel V4A, recommended torque 0.6 Nm, self-locking

### Pin

1	Brown
2	White
3	Blue
4	Black

### Conductor color



## Electrical connection

### Connection 2

Type of connection

Open end

## Circuit diagrams

### Wiring schematic

