

## Technical data sheet

### Connection cable

Part no.: 50130651

KD U-M12-4A-V1-030

#### 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, nickel-plated diecast zinc, 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	3,000 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

Width across flats	13 mm
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
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	Female
Handle body material	PUR
No. of pins	4 -pin
Encoding	A-coded
Version	Axial
Lock	Screw fitting, nickel-plated diecast zinc, recommended torque 0.6 Nm, self-locking

## Electrical connection

Pin	Conductor color
1	Brown
2	White
3	Blue
4	Black



### Connection 2

Type of connection	Open end
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## Circuit diagrams

### Wiring schematic

