



**Part no.: 50130850**  
**KD U-M8-4A-V1-050**  
**Connection cable**

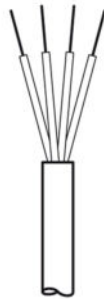


Figure can vary

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Part no.: 50130850 – KD U-M8-4A-V1-050 – Connection cable

## Technical data

### Electrical data

#### Performance data

Operating voltage	Max. 30 V AC/DC
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### Connection

#### Connection 1

Type of connection	Connector
Thread size	M8
Type	Female
Handle body material	PUR
No. of pins	4 -pin
Design	Axial
Lock	Screw fitting, nickel-plated diecast zinc, recommended torque 0.6 Nm, self-locking

#### Connection 2

Type of connection	Open end
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#### Cable properties

Number of conductors	4 Piece(s)
Wire cross section	0.25 mm <sup>2</sup>
AWG	24
Sheathing color	Black
Shielded	No
Silicone-free	Yes
Cable design	Connection cable (open on one end)
Cable diameter (external)	4.7 mm
Cable length	5,000 mm
Sheathing material	PVC
Wire insulation	PVC
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	9 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 67, IP 65
Certifications	c UL US
UL file number	E366145

### Classification

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eCl@ss 9.0

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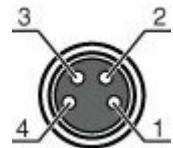
ETIM 5.0

EC001855

## Electrical connection

Connection 1	
Type of connection	Connector
Thread size	M8
Type	Female
Handle body material	PUR
No. of pins	4 -pin
Encoding	
Design	Axial
Lock	Screw fitting, nickel-plated diecast zinc, recommended torque 0.6 Nm, self-locking


Pin	Conductor color
1	Brown
2	White
3	Blue
4	Black



Connection 2	
Type of connection	Open end

## Accessories

### General

	Part no.	Designation	Article	Description
	50132265	TT-Set 0,4-9	Tool	Type: Torque key Width across flats: 9 mm Torque: 0.4 N·m Material: Plastic, Stainless steel Ambient temperature: -40 ... 120 °C