



**Part no.: 50134975**  
**KD U-M23-CW-P1-100**  
**Connection cable**

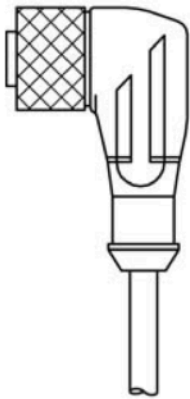


Figure can vary

## Contents

- Technical data
- Electrical connection

## Technical data

### Electrical data

#### Performance data

Operating voltage	Max. 240 V AC/DC
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### Connection

#### Connection 1

Type of connection	Connector
Thread size	M23
Type	Female
Handle body material	TPU
No. of pins	12 -pin
Encoding	A-coded
Design	Angled
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	12 Piece(s)
Wire cross section	0.5 mm <sup>2</sup>
Wire cross section	3 x 1 mm <sup>2</sup> 8 x 0.5 mm <sup>2</sup>
AWG	21
Sheathing color	Black
Shielded	No
Silicone-free	Yes
Cable design	Connection cable (open on one end)
Cable diameter (external)	9.3 mm
Cable length	10,000 mm
Sheathing material	PUR
Wire insulation	PP
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 <sup>2</sup>
Properties of the outer sheathing	Free of silicone and halogen, matt, low-adhesion, abrasion-resistant, easily machine-processable
Resistance of the outer sheathing	Hydrolysis and microbe resistant, good oil and chemical resistance, flame retardant in accordance with IEC 60332-2, VDE 0482-265-2-2, EN 50265-2-2, FT2

### Mechanical data

Bending cycles	2,000,000 Piece(s)
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	-25 ... 80 °C
Ambient temperature, operation, stationary use	-50 ... 80 °C

### Certifications

## Part no.: 50134975 – KD U-M23-CW-P1-100 – Connection cable

Degree of protection

IP 65  
IP 67

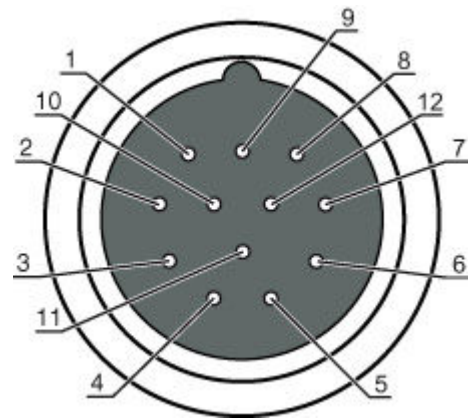
### Classification

Customs tariff number	85444290
eCl@ss 8.0	27279218
eCl@ss 9.0	27060311
ETIM 5.0	EC001855
ETIM 6.0	EC001855

## Electrical connection

Connection 1	
Type of connection	Connector
Thread size	M23
Type	Female
Handle body material	TPU
No. of pins	12 -pin
Encoding	A-coded
Design	Angled
Lock	Screw fitting, nickel-plated diecast zinc, recommended torque 0.6 Nm, self-locking

Pin	Conductor color
1	White
2	Green
3	Yellow
4	Gray
5	Gray Pink
6	Blue Red
7	Green White
8	Brown Green
9	Blue
10	Blue
11	Brown Green
12	Green Yellow



Connection 2	
Type of connection	Open end