



Part no.: 50134970
KD U-M23-CA-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	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	12 Piece(s)
Wire cross section	0.5 mm ²
Wire cross section	3 x 1 mm ² 8 x 0.5 mm ²
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 ²
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.: 50134970 – KD U-M23-CA-P1-100 – Connection cable

Degree of protection

IP 65
IP 67

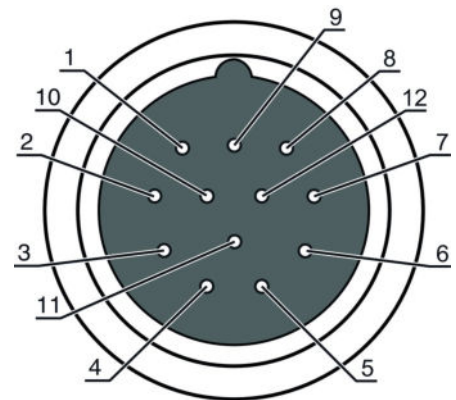
Classification

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	
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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