



Part no.: 50134972
KD U-M23-JA-P1-100
Connection cable

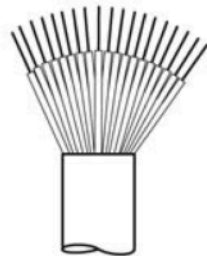


Figure can vary

Contents

- Technical data
- Electrical connection

Part no.: 50134972 – KD U-M23-JA-P1-100 – Connection cable

Technical data

Basic data

Application Oil and lubricant resistant

Electrical data

Performance data

Operating voltage Max. 120 V AC/DC

Connection

Connection 1

Type of connection	Connector
Thread size	M23
Type	Female
Handle body material	TPU
No. of pins	19 -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

Cable properties

Number of conductors	19 Piece(s)
Wire cross section	0.5 mm ²
Wire cross section	3 x 1 mm ² 16 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)	11.6 mm
Cable length	10,000 mm
Sheathing material	PUR
Wire insulation	PP
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

Degree of protection	IP 65 IP 67
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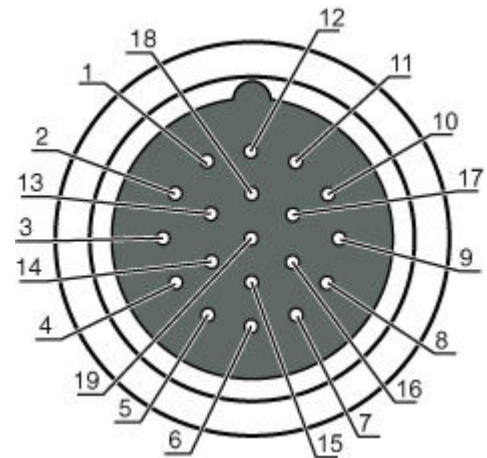
Classification

eCl@ss 8.0	27279218
eCl@ss 9.0	27060311
ETIM 5.0	EC001855

Electrical connection

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Pin	Conductor color
1	Violet
2	Red
3	Gray
4	Blue Red
5	Green
6	Blue
7	Pink Gray
8	Green White
9	White Yellow
10	White Gray
11	Black
12	Green Yellow
13	Yellow Brown
14	Green Brown
15	White
16	Yellow
17	Pink
18	Gray Brown
19	Brown



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Connection 2	
Type of connection	Open end