



Part no.: 50136636
KD U-M23-JA-P1-150
Connection cable



Figure can vary

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- Technical data
- Electrical connection

Part no.: 50136636 – KD U-M23-JA-P1-150 – 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	16 x 0.5 mm ² 3 x 1 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	15,000 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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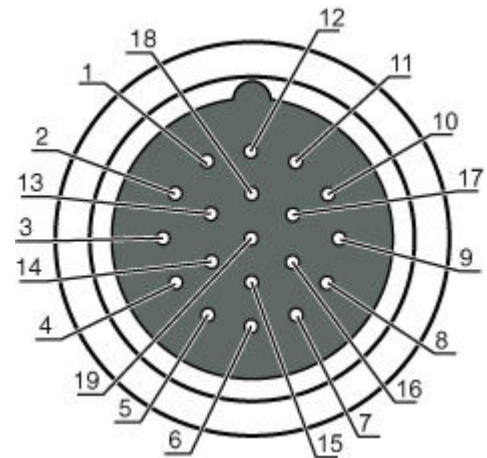
Classification

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

Electrical connection

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

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



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Connection 2	
Type of connection	Open end