Technical data sheet
Connection cable
Part no.: 50130840
KD U-M8-3A-V1-150

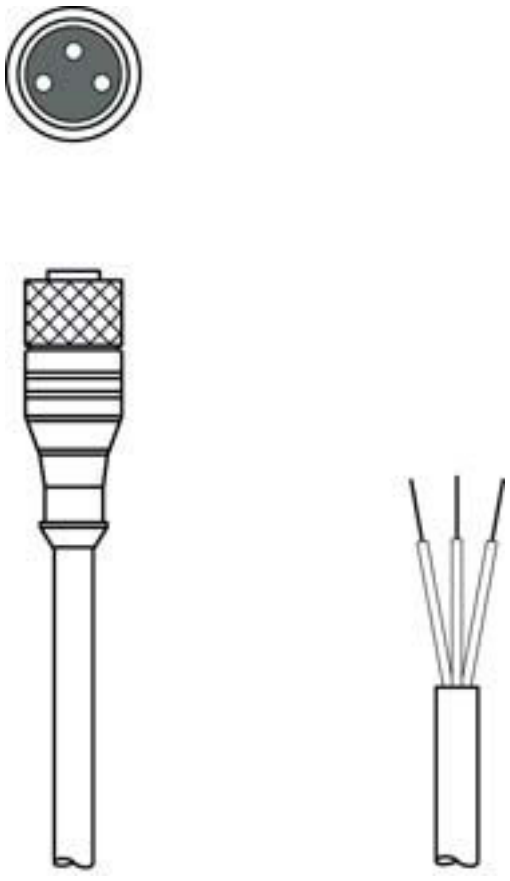

Figure can vary

Contents

- Technical data
- Electrical connection
- Circuit diagrams

IP 67 IP 65 cULus LISTED

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Technical data

Electrical data

Performance data

Operating voltage	50 V AC / 60 V DC

Connection

Connection 1

Type of connection	Connector
Thread size	M8
Type	Female
Handle body material	PUR
No. of pins	3 -pin
Version	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	3 Piece(s)
Wire cross section	0.25 mm²
AWG	24
Sheathing color	Black
Shielded	No
Silicone-free	Yes
Cable design	Connection cable (open on one end)
Cable diameter (external)	4.4 mm
Cable length	15,000 mm
Sheathing material	PVC
Wire insulation	PVC
Suitability for drag chains	No
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 65
	IP 67
Certifications	c UL US

Classification

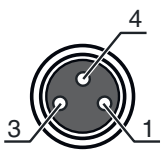
Customs tariff number	85444290
eCl@ss 5.1.4	27279201
eCl@ss 8.0	27279218
eCl@ss 9.0	27060311
eCl@ss 10.0	27060311
eCl@ss 11.0	27060311
ETIM 5.0	EC001855
ETIM 6.0	EC001855
ETIM 7.0	EC001855

Electrical connection

Connection 1

Type of connection	Connector
Thread size	M8
Type	Female
Handle body material	PUR
No. of pins	3 -pin
Version	Axial
Lock	Screw fitting, nickel-plated diecast zinc, recommended torque 0.6 Nm, self-locking

Pin	Conductor color
1	Brown
3	Blue
4	Black



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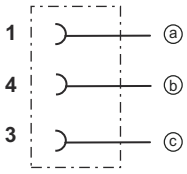
Electrical connection

Connection 2

Type of connection	Open end

Circuit diagrams

Wiring schematic



a Brown wire
b Black wire
c Blue wire