Technical data sheet
Interconnection cable
Part no.: 50130752
KDS U-M12-4A-M12-4W-V1-010

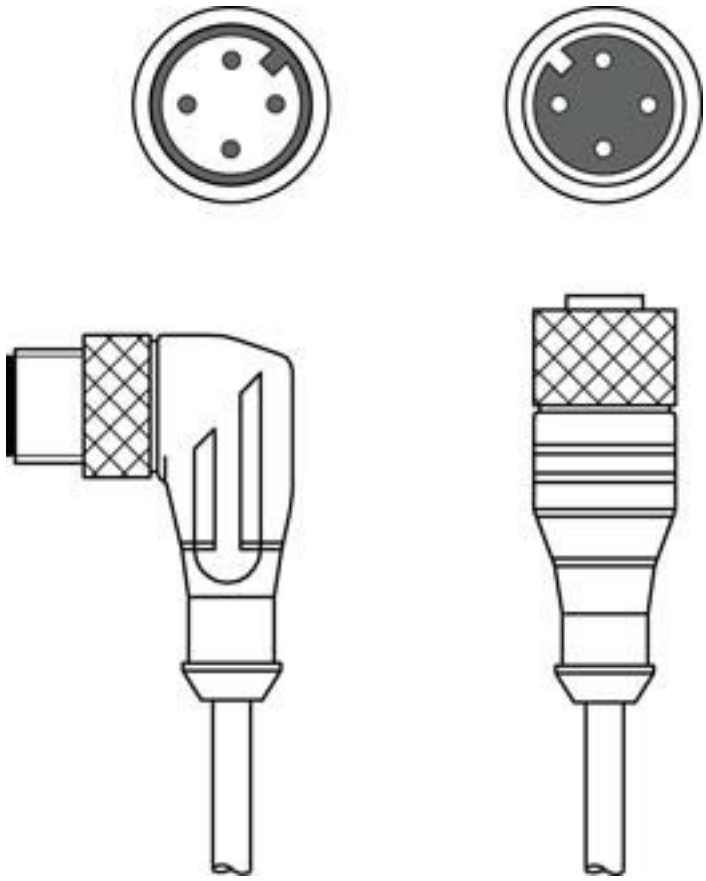

Figure can vary

Contents

- Technical data
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IP 67 IP 65 c UL us LISTED

Technical data

Connection

Connection 1

Type of connection	Connector
Thread size	M12
Type	Female
No. of pins	4 -pin
Encoding	A-coded
Version	Axial

Connection 2

Type of connection	Connector
Thread size	M12
Type	Male
No. of pins	4 -pin
Encoding	A-coded
Version	Angled

Cable properties

Number of conductors	4 Piece(s)
Wire cross section	0.34 mm²
AWG	22
Sheathing color	Black
Shielded	No
Silicone-free	Yes
Cable design	Interconnection cable
Cable diameter (external)	5 mm
Cable length	1,000 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	13 mm
Net weight	65 g
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

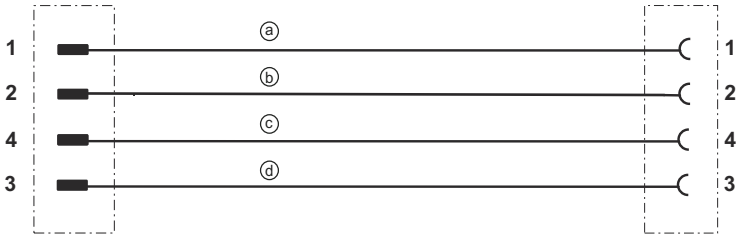
Type of connection	Connector
Thread size	M12
Type	Female
No. of pins	4 -pin
Encoding	A-coded
Version	Axial

Connection 2

Type of connection	Connector
Thread size	M12
Type	Male
No. of pins	4 -pin
Encoding	A-coded
Version	Angled

Circuit diagrams

Wiring schematic



a Brown wire
b White wire
c Black wire
d Blue wire