

Technical data sheet

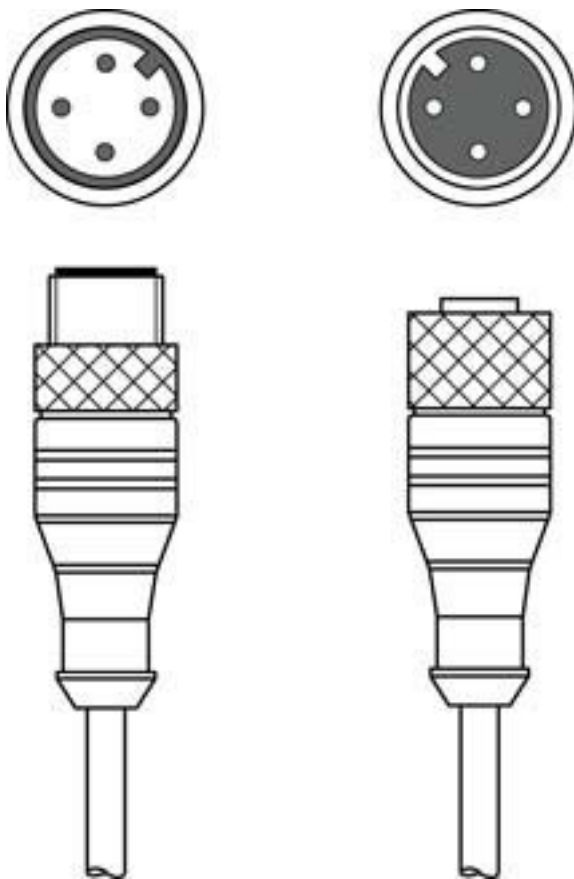
Interconnection cable

Part no.: 50135917

KDS U-M12-4A-M12-4A-P1-020-24X

Contents

- Technical data
- Electrical connection
- Circuit diagrams



For illustration purposes only



Technical data

Basic data

Application	Oil and lubricant resistant
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Electrical data

Performance data	
Operating voltage	Max. 250 V AC/DC

Connection

Connection 1	
Type of connection	Connector
Thread size	M12
Type	Female
Handle body material	PUR
Handle body color	Black
No. of pins	4 -pin
Encoding	A-coded
Version	Axial
Connector, LED	No
Lock	Screw fitting, nickel-plated diecast zinc, recommended torque 0.6 Nm, self-locking

Connection 2	
Type of connection	Connector
Thread size	M12
Type	Male
Handle body material	PUR
Handle body color	Black
No. of pins	4 -pin
Encoding	A-coded
Version	Axial
Lock	Screw fitting, nickel-plated diecast zinc, recommended torque 0.6 Nm, self-locking

Cable properties	
Number of conductors	4 Piece(s)
Wire cross section	0.34 mm ²
Sheathing color	Yellow
Shielded	No
Cable, crossed	Connection 1, pin 2 <-> connection 2, pin 4
Silicone-free	Yes
Cable design	Interconnection cable
Cable diameter (external)	6 mm
Cable length	2,000 mm
Sheathing material	PUR
Suitability for drag chains	No

Mechanical data

Width across flats	13 mm
Bending radius, flexible laying, min.	Min. 10 x cable diameter
Bending radius, stationary laying, min.	Min. 5 x cable diameter

Operation and display

Environmental data

Ambient temperature, operation, flexible use	-25 ... 80 °C
Ambient temperature, operation, stationary use	-40 ... 80 °C

Certifications

Degree of protection	IP 65
	IP 67
Approvals	c UL
	UL

Classification

Customs tariff number	85444290
ECLASS 5.1.4	27279201
ECLASS 8.0	27279218
ECLASS 9.0	27060311
ECLASS 10.0	27060311
ECLASS 11.0	27060311
ECLASS 12.0	27060311
ECLASS 13.0	27060311
ECLASS 14.0	27060311
ECLASS 15.0	27060311
ETIM 5.0	EC001855
ETIM 6.0	EC001855
ETIM 7.0	EC001855
ETIM 8.0	EC001855
ETIM 9.0	EC001855
ETIM 10.0	EC001855

Electrical connection

Connection 1

Type of connection	Connector
Thread size	M12
Type	Female
Handle body material	PUR
Handle body color	Black

Electrical connection

Connection 1

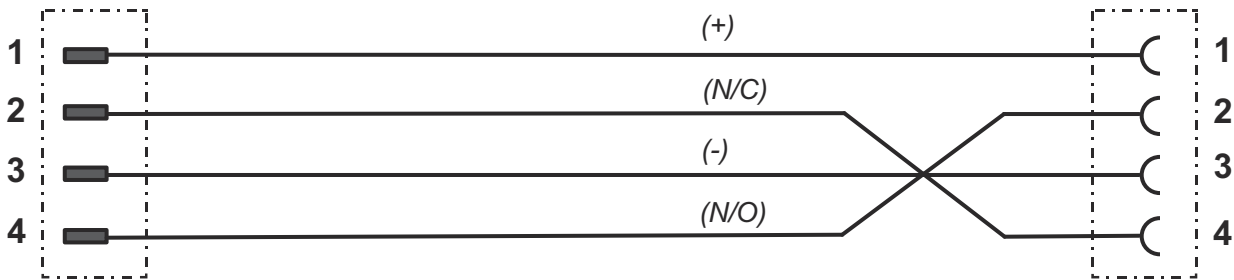
No. of pins	4 -pin
Encoding	A-coded
Version	Axial
Connector, LED	No
Lock	Screw fitting, nickel-plated diecast zinc, recommended torque 0.6 Nm, self-locking

Connection 2

Type of connection	Connector
Thread size	M12
Type	Male
Handle body material	PUR
Handle body color	Black
No. of pins	4 -pin
Encoding	A-coded
Version	Axial
Lock	Screw fitting, nickel-plated diecast zinc, recommended torque 0.6 Nm, self-locking

Circuit diagrams

Wiring schematic



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