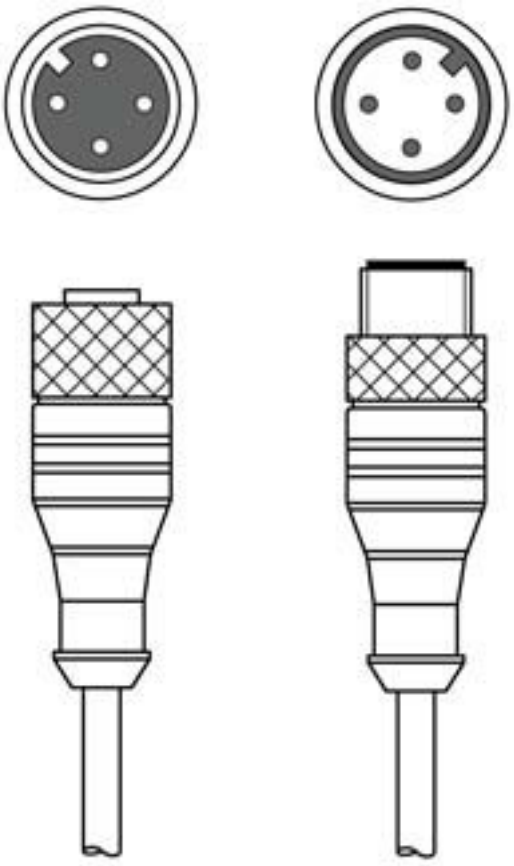
Technical data sheet
Interconnection cable
Part no.: 50155266
KDS 05 U-M12-4A-M12-4A-P1-020



For Illustration purposes only

Contents

- Technical data
- Electrical connection
- Circuit diagrams
- Accessories

IP 67 IP 65 cULus LISTED

Technical data

Basic data

Application	Chemical resistant

Connection

Connection 1

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

Connection 2

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

Cable properties

Number of conductors	4 Piece(s)
AWG	22
Sheathing color	Black
Shielded	No
Silicone-free	Yes
Cable design	Interconnection cable
Cable diameter (external)	4.7 mm
Cable length	2,000 mm
Sheathing material	PUR
Wire insulation	PP
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	109 g

Operation and display

Certifications

Degree of protection	IP 65
	IP 67
Approvals	c UL US
UL file number	E366145

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
ECLASS 16.0	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
UNSPSC 26.08	26121604

Electrical connection

Connection 1

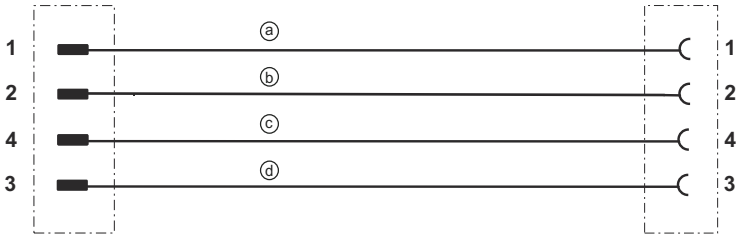
Type of connection	Connector
Thread size	M12
Type	Female
No. of pins	4 -pin
Encoding	A-coded
Version	Axial
Connector, LED	No

Connection 2

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

Circuit diagrams

Wiring schematic



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

Accessories

General

	Part no.	Designation	Article	Description
	50132266	TT-Set 0,6-13	Tool	Type: Torque key Width across flats: 13 mm Torque: 0.6 N·m Material: Plastic, Stainless steel Ambient temperature: -40 ... 120 °C

Note

A list with all available accessories can be found on the Leuze website in the Download tab of the article detailed page.