

## Technical data sheet Interconnection cable

Part no.: 50130900

KDS U-M8-3A-M8-3A-V1-020

### Contents

- Technical data
- Electrical connection
- Circuit diagrams

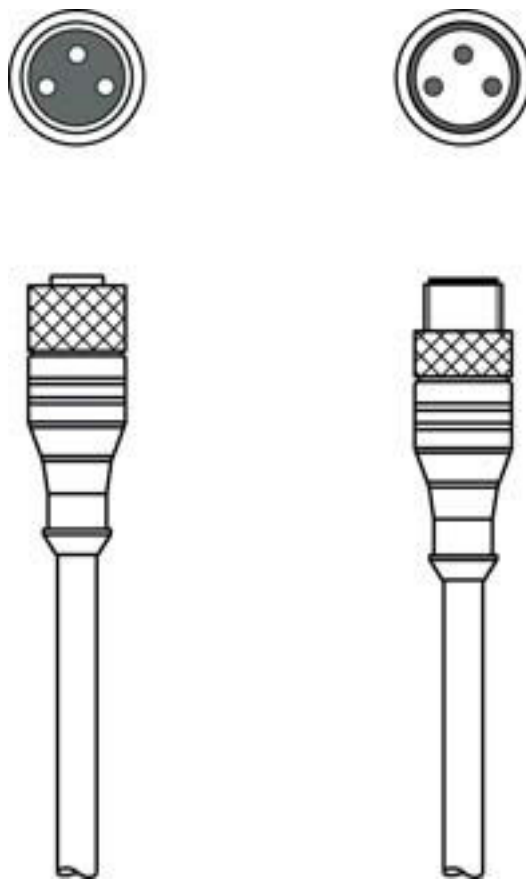


Figure can vary



## Technical data

### Connection

#### Connection 1

Type of connection	Connector
Thread size	M8
Type	Female
No. of pins	3 -pin
Version	Axial

#### Connection 2

Type of connection	Connector
Thread size	M8
Type	Male
No. of pins	3 -pin
Version	Axial

#### Cable properties

Number of conductors	3 Piece(s)
Wire cross section	0.25 mm <sup>2</sup>
AWG	24
Sheathing color	Black
Shielded	No
Silicone-free	Yes
Cable design	Interconnection cable
Cable diameter (external)	4.4 mm
Cable length	2,000 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
Net weight	61 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	M8
Type	Female
No. of pins	3 -pin
Version	Axial

### Connection 2

Type of connection	Connector
Thread size	M8
Type	Male
No. of pins	3 -pin
Version	Axial

## Circuit diagrams

### Wiring schematic

