

## Technical data sheet

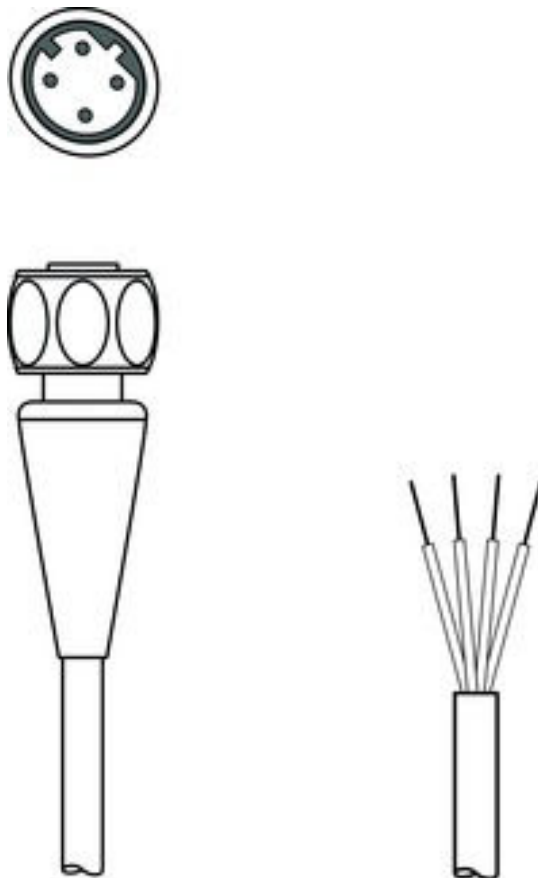
### Connection cable

Part no.: 50147678

KS ET-M12-4A-T9-150-F+B

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For illustration purposes only



## Technical data

### Basic data

Application	Hygienic and wet areas Oil and lubricant resistant
Suitable for interface	Ethernet

### Electrical data

Performance data	
Operating voltage	60 V DC

### Connection

<b>Connection 1</b>	
Type of connection	Connector
Thread size	M12
Type	Male
Handle body material	PUR
No. of pins	4 -pin
Encoding	D-coded
Version	Axial
Connector, LED	No
Lock	Screw fitting, stainless steel V4A, recommended torque 0.6 Nm, self-locking
<b>Connection 2</b>	
Type of connection	Open end
<b>Cable properties</b>	
Number of conductors	4 Piece(s)
Wire cross section	0.34 mm <sup>2</sup>
AWG	22
Sheathing color	Blue
Shielded	Yes
Silicone-free	Yes
Cable design	Connection cable (open on one end)
Cable diameter (external)	6.7 mm
Cable length	15,000 mm
Sheathing material	TPE
Wire insulation	PP
Suitability for drag chains	Yes
Traverse rate	Max. 3.3 m/s with horiz. traverse path of 5m and max. acceleration of 2m/s <sup>2</sup>
Properties of the outer sheathing	Free of CFC, cadmium, silicone, halogen and lead, matt, low-adhesion, abrasion-resistant, easily machine-processable
Resistance of the outer sheathing	Hydrolysis and microbe resistant, good oil, gasoline and chemical resistance in accordance with VDE 0472 part 803 test B, flame retardant in accordance with UL 1581 VW1 / CSA FT1 / IEC 60332-1, IEC 60332-2-2

### Mechanical data

Width across flats	14 mm
Bending cycles	2,000,000 Piece(s)
Bending radius, flexible laying, min.	Min. 15 x cable diameter
Bending radius, stationary laying, min.	One-time min. 5 x cable diameter

### Operation and display

### Environmental data

Ambient temperature, operation, flexible use	-20 ... 80 °C
Ambient temperature, operation, stationary use	-20 ... 80 °C

### Certifications

Degree of protection	IP 65 IP 68 IP 69K
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### 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
ETIM 5.0	EC001855
ETIM 6.0	EC001855
ETIM 7.0	EC001855
ETIM 8.0	EC001855
ETIM 9.0	EC001855

## Electrical connection

### Connection 1

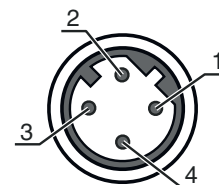
Type of connection	Connector
Thread size	M12
Type	Male
Handle body material	PUR

# Electrical connection

## Connection 1

No. of pins	4 -pin
Encoding	D-coded
Version	Axial
Connector, LED	No
Lock	Screw fitting, stainless steel V4A, recommended torque 0.6 Nm, self-locking

Pin	Conductor color
1	Yellow
2	White
3	Orange
4	Blue

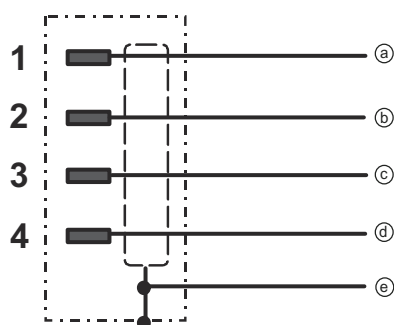


## Connection 2

Type of connection	Open end
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# Circuit diagrams

## Wiring schematic



- a Yellow wire
- b White wire
- c Orange wire
- d Blue wire
- e Shield

# Accessories

## General

	Part no.	Designation	Article	Description
	50148408	TT SW 14	Tool	Type: Hexagon head for torque key Width across flats: 14 mm Material: Stainless steel, Plastic 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.