

## Technical data sheet

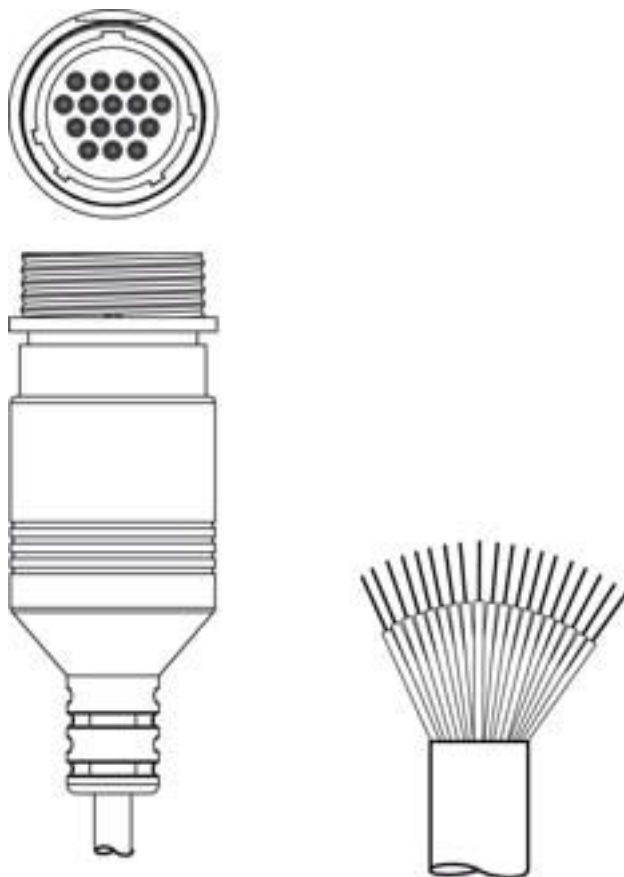
### Connection cable

Part no.: 50144678

KD S-M30-16A-V1-500

#### Contents

- Technical data
- Electrical connection



For illustration purposes only

# Technical data

## Basic data

Application	Chemical resistant
-------------	--------------------

## Connection

### Connection 1

Type of connection	Connector
Thread size	M30
Type	Female
Handle body material	PUR
No. of pins	16 -pin
Version	Axial
Connector, LED	No
Lock	Screw fitting, nickel-plated diecast zinc, recommended torque 0.6 Nm, self-locking

### Connection 2

Type of connection	Open end
--------------------	----------

### Cable properties

Number of conductors	16 Piece(s)
Wire cross section	Voltage: 2 x 1 mm <sup>2</sup> / signal: 14 x 0.14 mm <sup>2</sup>
Sheathing color	Black
Shielded	Yes
Cable design	Connection cable (open on one end)
Cable diameter (external)	7.5 mm
Cable length	50,000 mm
Sheathing material	PVC
Wire insulation	PVC
Suitability for drag chains	No

## Mechanical data

Net weight	4,250 g
Bending radius, stationary laying, min.	Min. 6 x cable diameter

## Environmental data

Ambient temperature, operation, stationary use	0 ... 80 °C
--	-------------

## Certifications

Approvals	RoHS
-----------	------

## Classification

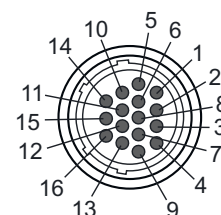
Customs tariff number	85444290
ECLASS 5.1.4	27279201
ECLASS 8.0	27279218
ECLASS 9.0	27060311
ECLASS 10.0	27060311
ECLASS 11.0	27060311
ECLASS 12.0	27060311
ECLASS 13.0	27060311
ECLASS 14.0	27060311
ECLASS 15.0	27060311
ECLASS 16.0	27060311
ETIM 5.0	EC001855
ETIM 6.0	EC001855
ETIM 7.0	EC001855
ETIM 8.0	EC001855
ETIM 9.0	EC001855
ETIM 10.0	EC001855
UNSPSC 26.08	26121604

# Electrical connection

## Connection 1

Type of connection	Connector
Thread size	M30
Type	Female
Handle body material	PUR
No. of pins	16 -pin
Version	Axial
Connector, LED	No
Lock	Screw fitting, nickel-plated diecast zinc, recommended torque 0.6 Nm, self-locking

Pin	Conductor color
1	White
2	Brown
3	Green
4	Yellow
5	Gray
6	Pink
7	Blue
8	Red



## Electrical connection

Pin	Conductor color
9	Black
10	Violet
11	Gray / Pink
12	Blue / Red
13	Green / White
14	Brown / Green
15	White / Yellow
16	Brown / Yellow

### Connection 2

Type of connection	Open end
--------------------	----------