

## Technical data sheet

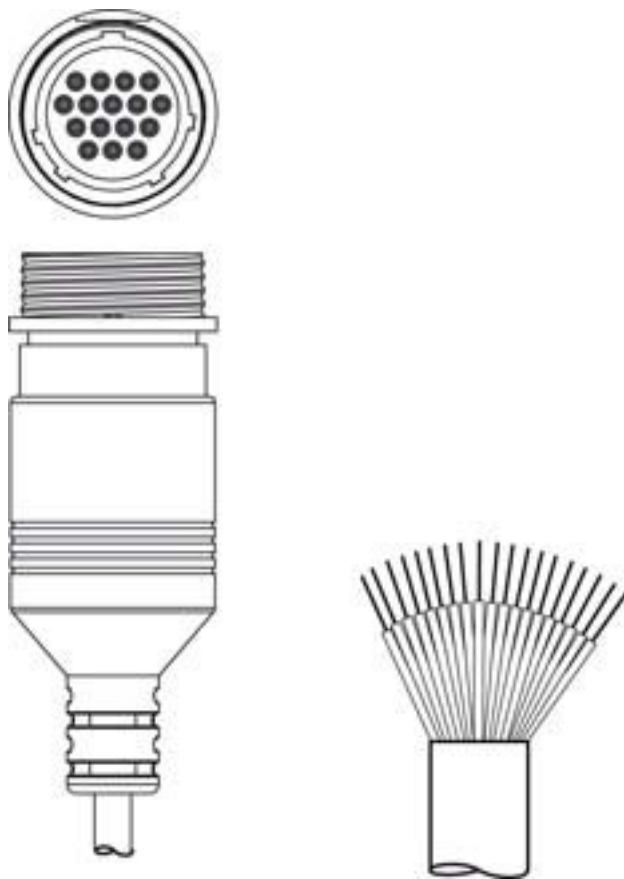
### Connection cable

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

|                                         |                         |
|-----------------------------------------|-------------------------|
| Bending radius, stationary laying, min. | Min. 6 x cable diameter |
|-----------------------------------------|-------------------------|

### Operation and display

### 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 |
| 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

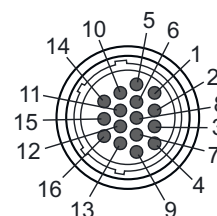
### Connection 1

|                      |                                                                                    |
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| Thread size          | M30                                                                                |
| Type                 | Female                                                                             |
| Handle body material | PUR                                                                                |
| No. of pins          | 16 -pin                                                                            |
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| Connector, LED       | No                                                                                 |
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### Pin

|    |        |
|----|--------|
| 1  | White  |
| 2  | Brown  |
| 3  | Green  |
| 4  | Yellow |
| 5  | Gray   |
| 6  | Pink   |
| 7  | Blue   |
| 8  | Red    |
| 9  | Black  |
| 10 | Violet |

### Conductor color



Electrical connection

| Pin | Conductor color |
|-----|-----------------|
| 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 |