

## VK500F64

### Connection technology • Cable sockets / connectors pre-assembled on two sides

Connection cable, 5m, M12 socket 3-pin straight, M8 connector 3-pin straight, 3x0.34mm<sup>2</sup>, PUR (polyurethane), 60V, IP67, suitable for trailing chain and torsion resistant, oils and cooling lubricants, welding area, silicone-free



This connection cable has pre-wired connections on both sides. It can be used to cost-effectively integrate end devices with a plug connection via a distribution terminal or a logic module.

#### Electrical features

|                                       |                  |
|---------------------------------------|------------------|
| Type of plug-in contact, A connection | Female (socket)  |
| Type of plug-in contact, B connection | Male (connector) |
| Type of A electrical connection       | M12              |
| Type of B electrical connection       | M8               |
| Number of pins of A connection        | 3                |
| Number of pins of B connection        | 3                |
| Operating voltage (AC 50Hz)           | 60 V             |
| Operating voltage (DC)                | 60 V             |

#### Mechanical features

|   |                               |
|---|-------------------------------|
| Number of cores                                 | 3                             |
| Wire assembly                                   | 42 x 0.1mm                    |
| Conductor cross-section                         | 0.34 mm <sup>2</sup>          |
| Cable length                                    | 5 m                           |
| Cable infeed of A connection                    | straight                      |
| Cable infeed of B connection                    | straight                      |
| Maximum tightening torque of connection A       | 1 Nm                          |
| Maximum tightening torque of connection B       | 0.6 Nm                        |
| bending cycles                                  | 5 million cycles              |
| Degree of protection (IP)                       | IP67                          |
| Torsion cycles                                  | +/-360°/m, ≥ 2 million cycles |
| Material of cable sheath                        | Plastic (PUR)                 |
| Perm. ambient temperature of cable, fixed cable | -25 - 80 °C                   |
| Suitable for trailing chain                     | Yes                           |
| Material of the screw fitting                   | Brass                         |

**Other features**

|   |                                 |
|---|---------------------------------|
| Flame retardant                                   | in accordance with EN 60332-2-2 |
| Halogen-free                                      | Yes                             |
| Hydrolysis-proof                                  | Yes                             |
| Free of LABS                                      | Yes                             |
| Ozone and UV-resistant                            | Yes                             |
| Suitable for trailing chain and torsion resistant | Yes                             |
| Welding area                                      | Yes                             |
| Silicone-free                                     | Yes                             |
| Oil and cooling lubricants                        | Yes                             |

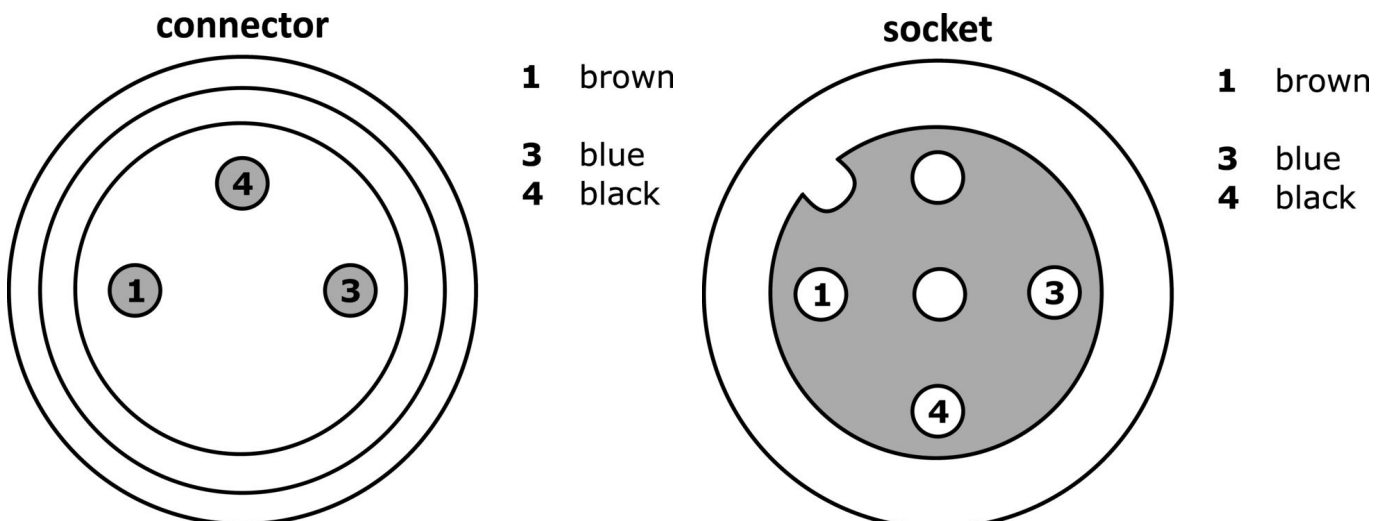
**Classification**

|        |  |
|--------|--|
| ETIM 8 | EC001855 Assembled sensor-actuator cable |
|--------|--|

**More**

|                       |   |
|-----------------------|---|
| IPF Product Group     | 851 cable sockets / connectors (both side ready made) |
| packaging dimensions  | 180 x 190 x 25 mm                                     |
| gross weight          | 140 g   |
| Customs tariff number | 85444290  |
| WEEE number           | 40951076  |
| OzDS-compliant        | Yes   |
| POP-compliant         | Yes   |
| Reach-compliant       | Yes   |
| RoHS-compliant        | Yes   |

**Connection**



**Extract accessories program****AV000117**

Labeling material, Label, 2,  
1x30x4mm, Plastic PC, 34  
identification labels

**AY000141**

Plastic sheath, Ø17mm, Inner  
diameter 10mm, -40-250°C, Glass  
fiber with silicone rubber, Short-  
term resistance to weld spatter  
1200°C, Tensile strength 400N,  
Flexible, Flame retardant, yard  
good

**AV98F001****AV98F002**

Tool, wrench insert for torque  
wrench, SW13

**AV000140**

You can find further accessories on our homepage

**Installation**

Mounting / installation may only be carried  
out by a qualified electrician!

**Disposal**

WEEE number according to § 6 para. 3  
ElektroG: 40951076

**Safety warnings**

/ Before initial operation, please make sure to follow all safety instructions that may be provided in the product information.

/ Never use these devices in applications where the safety of a person depends on their functionality.