

VK500F62

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

Connection cable, 5m, M12 socket 3-pin angular, M8 connector 3-pin straight, 3x0.34mm², PUR (polyurethane), IP67, LED, 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

| | |
|---------------------------------------|------------------|
| Display | LED display |
| 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 (DC) | 30 V |

Mechanical features

| | |
|---|-------------------------------|
| Number of cores | 3 |
| Wire assembly | 42 x 0.1mm |
| Conductor cross-section | 0.34 mm ² |
| Cable length | 5 m |
| Cable infeed of A connection | angular |
| 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 |

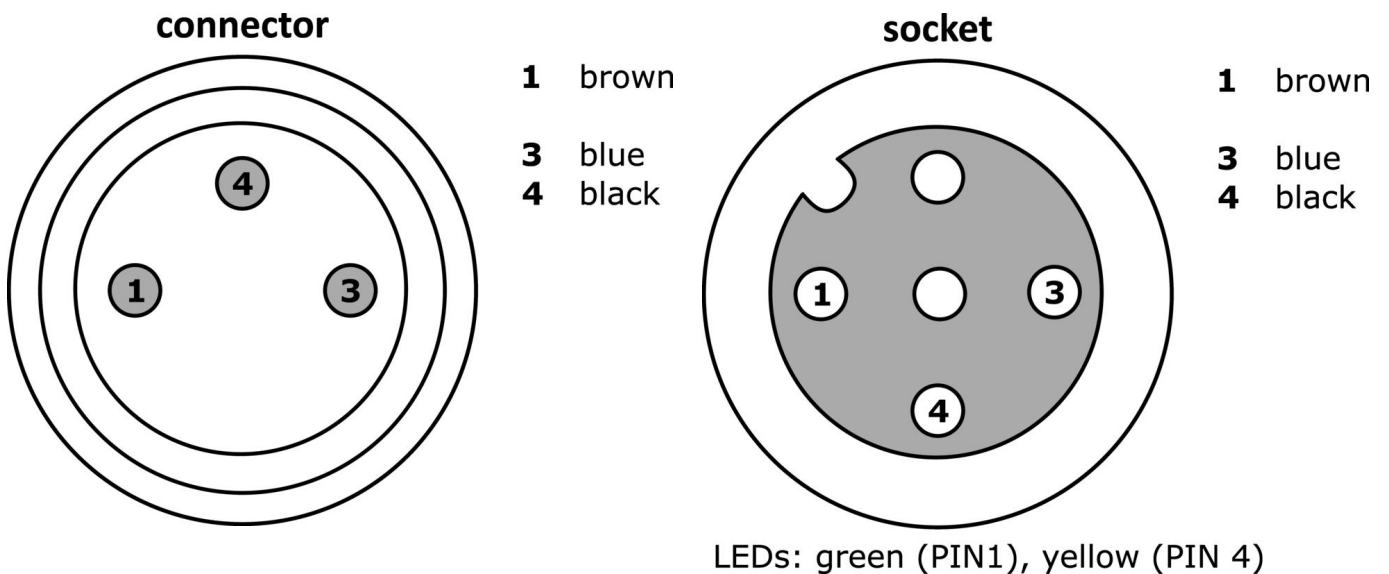
Classification

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

More

| | |
|-----------------------|---|
| IPF Product Group | 851 cable sockets / connectors (both side ready made) |
| packaging dimensions | 160 x 160 x 35 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.