

VK065F25

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

Connection cable, 0.6m, M12 socket 4-pin straight, M12 connector 4-pin straight, 4-core, PUR (polyurethane), shielded, 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 | M12 |
| Number of pins of A connection | 4 |
| Number of pins of B connection | 4 |
| Operating voltage (AC 50Hz) | 60 V |
| Operating voltage (DC) | 60 V |
| Shielded | Yes |

Mechanical features

| | |
|---|-------------------------------|
| Number of cores | 4 |
| Wire assembly | 42 x 0.1mm |
| Cable length | 0.6 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 | 1 Nm |
| bending cycles | 5 million cycles |
| Torsion cycles | +/-360°/m, ≥ 2 million cycles |
| Contact coating material | Gold |
| Material of cable sheath | Plastic (PUR) |
| Contact body material | Brass |
| 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

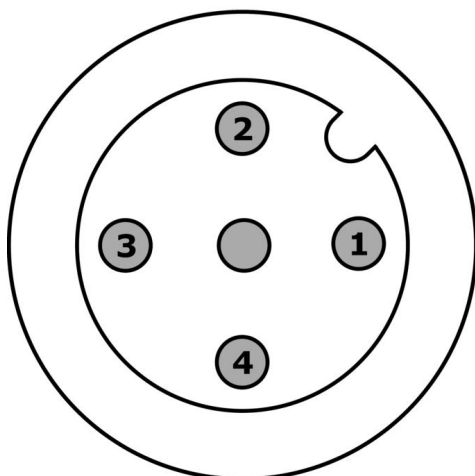
| | |
|--------|--|
| ETIM 8 | EC001855 Assembled sensor-actuator cable |
|--------|--|

More

| | |
|-----------------------|---|
| IPF Product Group | 851 cable sockets / connectors (both side ready made) |
| packaging dimensions | |
| gross weight | 60 g |
| Customs tariff number | 85444290 |
| WEEE number | 40951076 |
| OzDS-compliant | Yes |
| POP-compliant | Yes |
| Reach-compliant | Yes |
| RoHS-compliant | Yes |

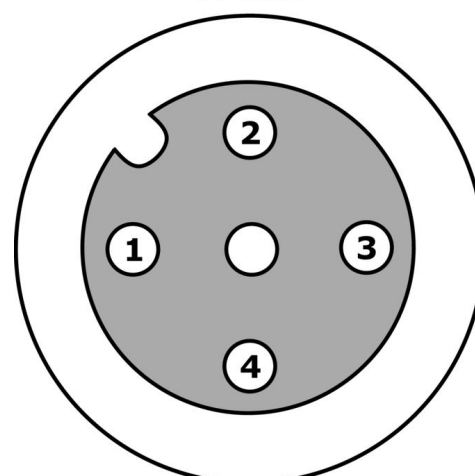
Connection

connector



- 1** brown
- 2** white
- 3** blue
- 4** black

socket



- 1** brown
- 2** white
- 3** blue
- 4** black

Extract accessories program**AV000141**

accessories cable socket,
Mounting clip, 13.5mm, PPO,
Packaging unit 5, Accessories for
Cable socket/connector M12

AV98F001**AV98F002**

Tool, wrench insert for torque
wrench, SW13

AV000117

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

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.