

## VK150F23

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

Connection cable, 1.5m, M12 socket 4-pin angular, M12 connector 4-pin straight, 4x0.34mm<sup>2</sup>, 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       | M12              |
| Number of pins of A connection        | 4                |
| Number of pins of B connection        | 4                |
| Operating voltage (DC)                | 30 V             |

#### Mechanical features

|   |                               |
|---|-------------------------------|
| Number of cores                                 | 4                             |
| Wire assembly                                   | 42 x 0.1mm                    |
| Conductor cross-section                         | 0.34 mm <sup>2</sup>          |
| Cable length                                    | 1.5 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       | 1 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                           |

**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**

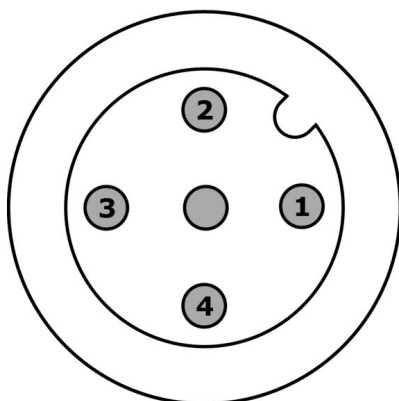
|        |  |
|--------|--|
| ETIM 8 | EC001855 Assembled sensor-actuator cable |
|--------|--|

**More**

|                       |   |
|-----------------------|---|
| IPF Product Group     | 851 cable sockets / connectors (both side ready made) |
| packaging dimensions  | 160 x 160 x 15 mm                                     |
| gross weight          | 70 g  |
| Customs tariff number | 85444290  |
| WEEE number           | 40951076  |
| OzDS-compliant        | Yes   |
| POP-compliant         | Yes   |
| Reach-compliant       | Yes   |
| RoHS-compliant        | Yes   |

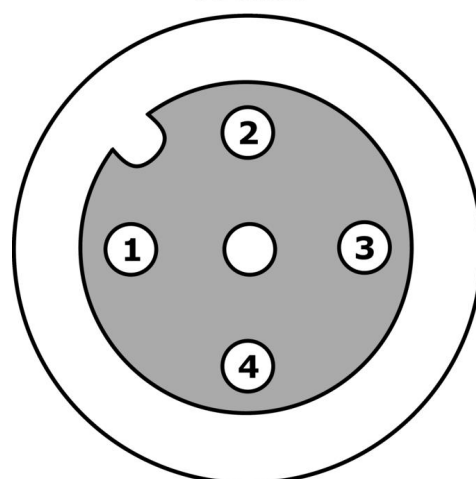
**Connection**

**connector**



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

**socket**



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

LEDs: green (PIN1), yellow (PIN 2), yellow (PIN4)

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

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

**AV98F001****AV98F002**

Tool, wrench insert for torque  
wrench, SW13

**AV000141**

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

**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.