

## VKAFHW2W

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

Connection cable, 16m, M12 socket 3-pin straight, M12 connector 3-pin straight, 3x0.22mm<sup>2</sup>, PTFE with stainl. steel braiding, -55-180°C



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        | 3                |
| Number of pins of B connection        | 3                |

#### Mechanical features

|   |                              |
|---|------------------------------|
| Number of cores                                 | 3                            |
| Wire assembly                                   | 28 x 0.1mm                   |
| Conductor cross-section                         | 0.22 mm <sup>2</sup>         |
| Cable length                                    | 16 m                         |
| Cable infeed of A connection                    | straight                     |
| Cable infeed of B connection                    | straight                     |
| Coding of connection A                          | A                            |
| Coding of connection B                          | A                            |
| Maximum tightening torque of connection A       | 1 Nm                         |
| Maximum tightening torque of connection B       | 1 Nm                         |
| Material of cable sheath                        | PTFE with stainl. steel mesh |
| Perm. ambient temperature of cable, fixed cable | -55 - 180 °C                 |
| Line diameter                                   | 3.7 mm                       |

#### Other features

|                 |    |
|-----------------|----|
| Flame retardant | No |
|-----------------|----|

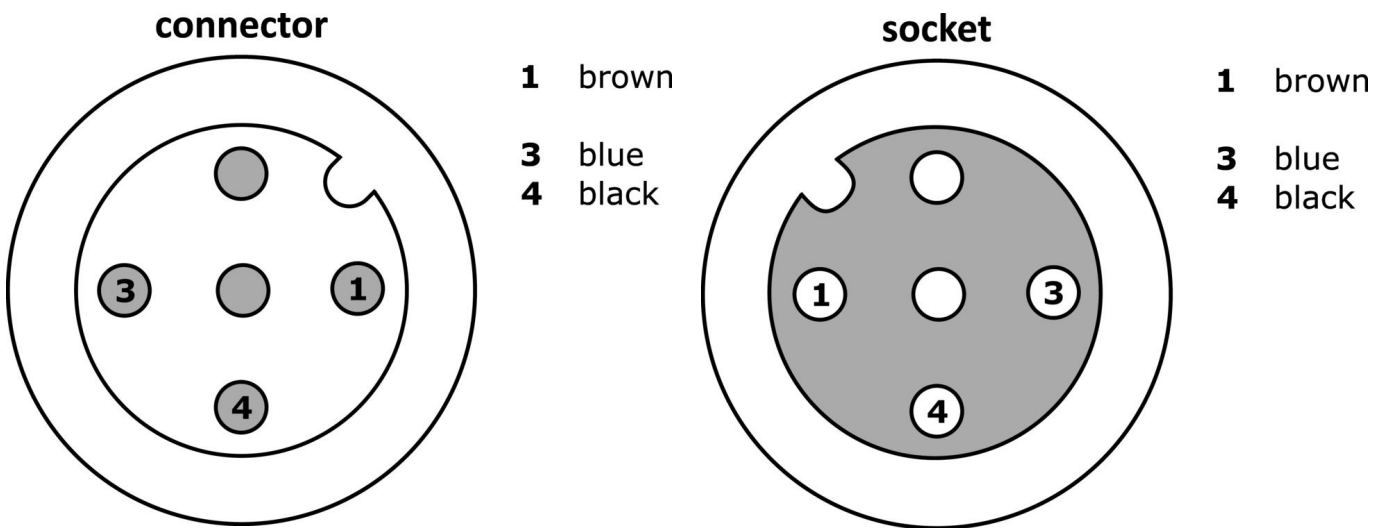
#### Classification

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

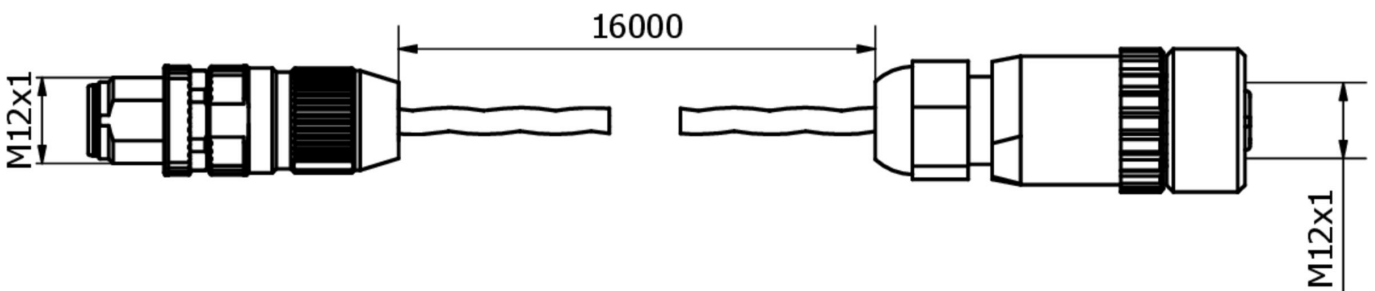
**More**

|                       |   |
|-----------------------|---|
| IPF Product Group     | 853 cable sockets / connectors (high temperature) |
| packaging dimensions  | 300 x 200 x 24 mm                                 |
| gross weight          | 490 g   |
| Customs tariff number | 85444290  |
| WEEE number           | 40951076  |
| Reach-compliant       | Yes   |
| RoHS-compliant        | Yes   |

**Connection**



**Dimensional drawing**



**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

**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

**VK000037**



Adaption, M12 Female (socket)  
3pin Straight, M8 Male  
(connector) 3pin Straight, 24V, -  
25-85°C, IP67, Oil and cooling  
lubricants, Welding area

**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.