

## VK90HW2W

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

Connection cable, 9m, 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	9 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
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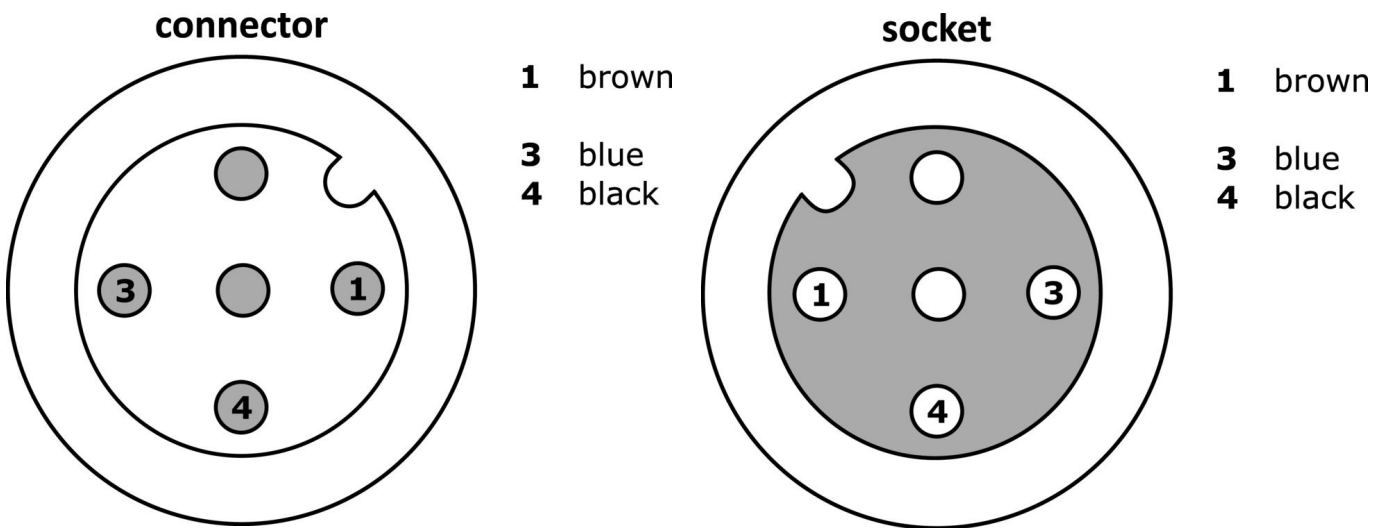
#### Classification

ETIM 8	EC001855 Assembled sensor-actuator cable
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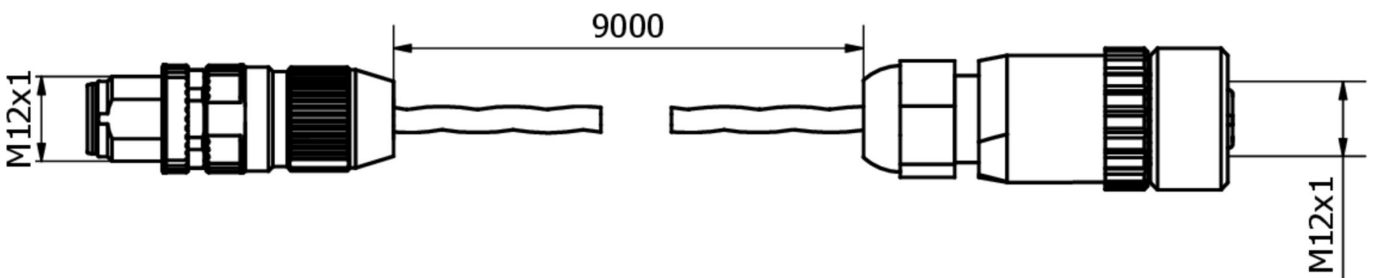
**More**

IPF Product Group	853 cable sockets / connectors (high temperature)
packaging dimensions	324 x 230 x 170 mm
gross weight	304 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.