

## VK030F28

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

Connection cable, 0.3m, M12 socket 5-pin straight, M12 connector 5-pin straight, 5-core, PUR (polyurethane), 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	5
Number of pins of B connection	5
Operating voltage (DC)	30 V

#### Mechanical features

Number of cores	5
Wire assembly	42 x 0.1mm
Cable sheath color	black
Cable length	0.3 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	3 million cycles
Torsion cycles	+/-180°/m, ≥ 1 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
Ambient temperature	-30 - 90 °C

#### Optical features

Degree of soiling	3
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**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**

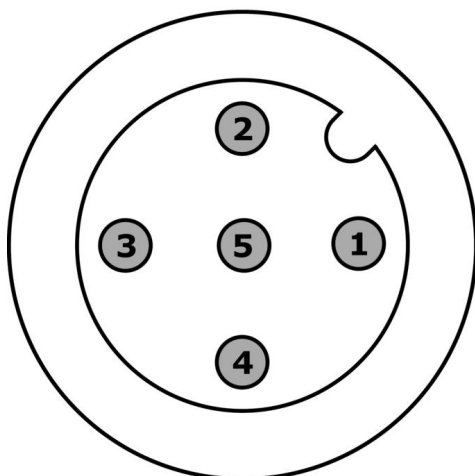
ETIM 8	EC001855 Assembled sensor-actuator cable
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**More**

IPF Product Group	851 cable sockets / connectors (both side ready made)
packaging dimensions	
gross weight	50 g
Customs tariff number	85444290
WEEE number	40951076
OzDS-compliant	Yes
POP-compliant	Yes
Reach-compliant	Yes
RoHS-compliant	Yes

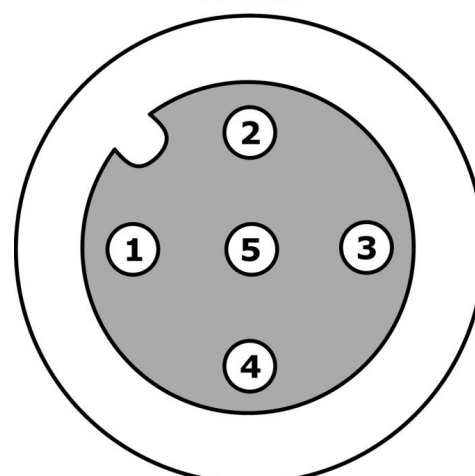
**Connection**

**connector**



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

**socket**



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

**Extract accessories program**

**AV98F001**



**AV98F002**



Tool, wrench insert for torque wrench, SW13

**VK003020**



Cable socket, angular, self-assembly, screw connection, Ø3-6.5mm, 4A, 240V, -25-90°C, M12 socket 4-pin, IP67, PBT

**VK003024**



Cable socket, Straight, Suitable for self-assembly, Screw connection, Ø3-6.5mm, 4A, 240V, -25-90°C, M12 Female (socket) 4pin, IP67, PBT

**AV000117**



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

**VK000037**



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

**AV000141**



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

**VK003021**



Cable socket, Angular, Suitable for self-assembly, Screw connection, Ø3-6.5mm, 4A, 60V, -25-90°C, M12 Female (socket) 5pin, IP67, PBT

**VK003025**



Cable socket, Straight, Suitable for self-assembly, Screw connection, Ø3-6.5mm, 4A, 60V, -25-90°C, M12 Female (socket) 5pin, IP67, PBT

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.