

## VK100F70

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



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	M8
Type of B electrical connection	M8
Number of pins of A connection	3
Number of pins of B connection	3
Operating voltage (AC 50Hz)	60 V
Operating voltage (DC)	60 V

### Mechanical features

Number of cores	3
Wire assembly	42 x 0.1mm
Conductor cross-section	0.34 mm <sup>2</sup>
Cable length	1 m
Cable infeed of A connection	angular
Cable infeed of B connection	straight
Maximum tightening torque of connection A	0.6 Nm
Maximum tightening torque of connection B	0.6 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
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

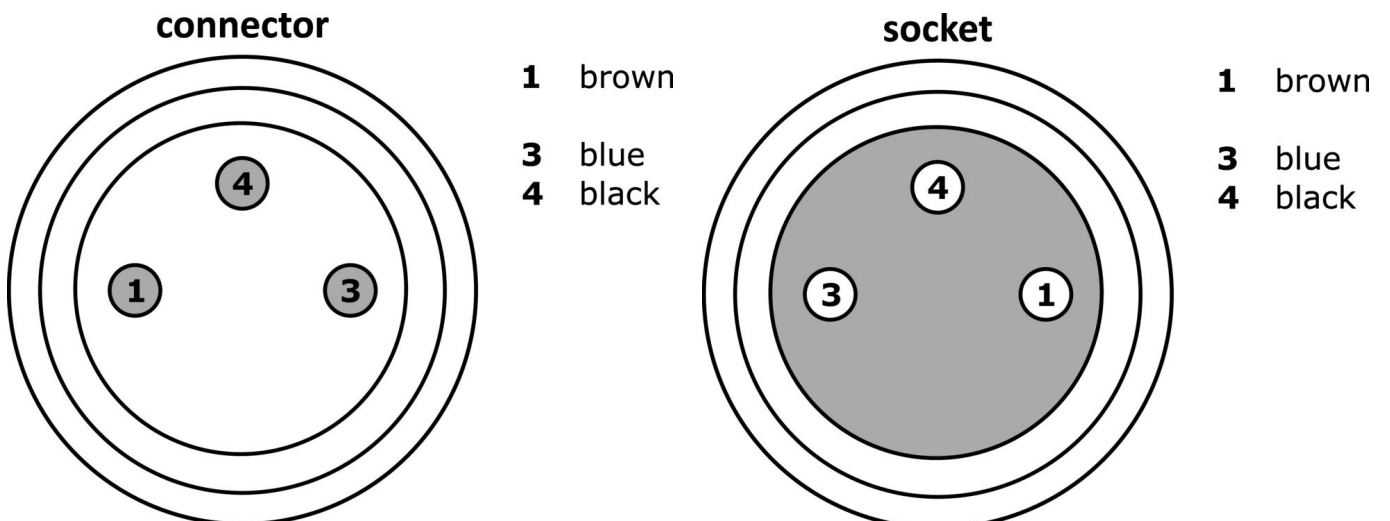
**Classification**

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

IPF Product Group	851 cable sockets / connectors (both side ready made)
packaging dimensions	200 x 200 x 15 mm
gross weight	40 g
Customs tariff number	85444290
WEEE number	40951076
OzDS-compliant	Yes
POP-compliant	Yes
Reach-compliant	Yes
RoHS-compliant	Yes

**Connection**



**Extract accessories program**

**AV000117**



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

**VK000034**



Screw plug, M8, Plastic, Black

**VK001008**



distributor, 2x M8 3pin, M12 4pin, TPU

**AV000142**



accessories cable socket, Mounting clip, 8.5mm, PPO, Packaging unit 5, Accessories for Cable socket/connector M8

**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

**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.