

VK03E211

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

Connection cable, 0.3m, M12 socket 5-pin straight, M12 connector 12-pin straight, 5-core, PUR (polyurethane) black, 30V, -30-90°C, IP67, 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.

One side of the VK03E211 is equipped with a straight 5-pin M12 cable socket and the other with a straight 12-pin M12 cable connector. The cores of the line with a plastic sheath (PUR) can each be loaded with 1.5A.

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	12
Ampacity	1.5 A
Operating voltage (AC 50Hz)	30 V
Operating voltage (DC)	30 V

Mechanical features

Number of cores	5
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
Degree of protection (IP)	IP67
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

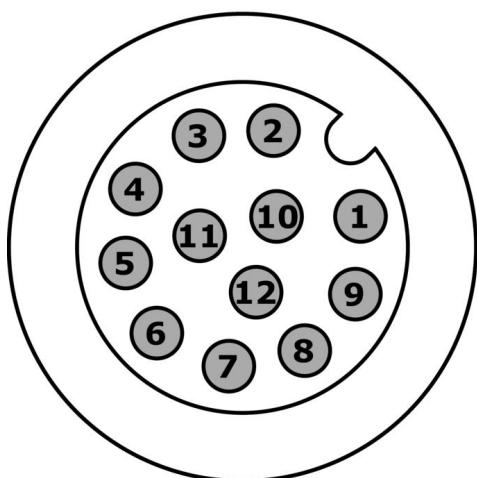
ETIM 8	EC001855 Assembled sensor-actuator cable
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More

IPF Product Group	851 cable sockets / connectors (both side ready made)
packaging dimensions	220 x 140 x 20 mm
gross weight	36 g
Customs tariff number	85444290
WEEE number	40951076
OzDS-compliant	Yes
POP-compliant	Yes
Reach-compliant	Yes
RoHS-compliant	Yes

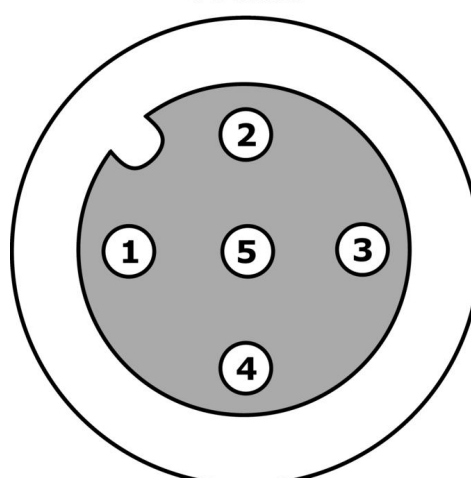
Connection

connector



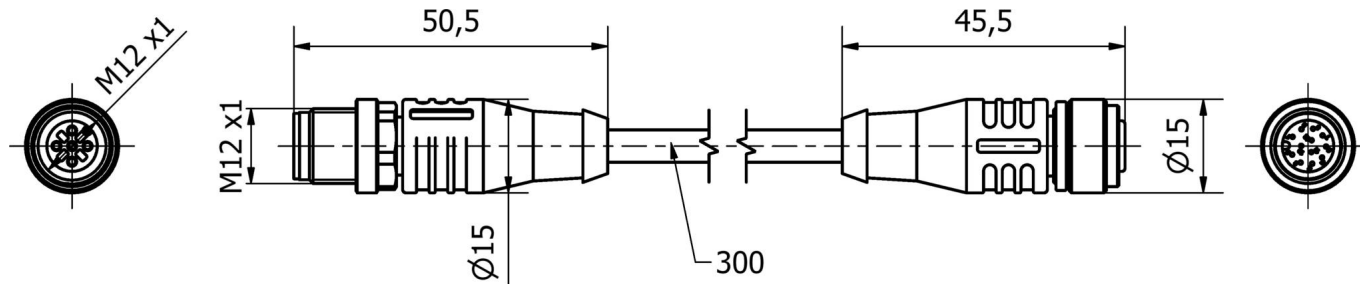
- 1** brown
- 2** blue
- 3** n.c.
- 4** n.c.
- 5** n.c.
- 6** n.c.
- 7** black
- 8** gray
- 9** red
- 10** n.c.
- 11** n.c.
- 12** n.c.

socket



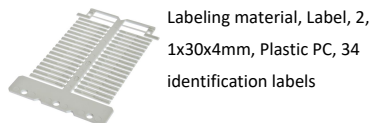
- 1** brown
- 2** black
- 3** blue
- 4** gray
- 5** red

Dimensional drawing



Extract accessories program

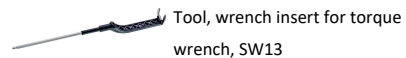
AV000117



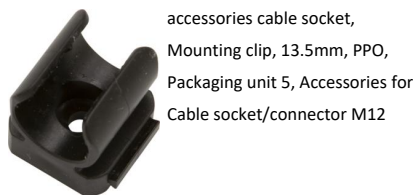
AV98F001



AV98F002



AV000141



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.