

VK03E275

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

Connection cable, 0.3m, M12 socket 8-pin straight, M23 connector 12-pin straight, 8x0.25mm², PUR (polyurethane) black, Ø6.3mm, 30V, -30-90°C, IP67, shielded, suitable for trailing chain and torsion resistant, oils and cooling lubricants, welding range, 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 VK03E275 is equipped with a straight 8-pin M12 cable socket and the other with a straight 12-pin M23 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	M23
Number of pins of A connection	8
Number of pins of B connection	12
Ampacity	1.5 A
Operating voltage (AC 50Hz)	30 V
Operating voltage (DC)	30 V
Shielded	Yes

Mechanical features

Number of cores	8
Wire assembly	32 x 0.1mm
Conductor cross-section	0.25 mm ²
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
Degree of protection (IP)	IP67
Contact coating material	Gold
Material of cable sheath	Plastic (PUR)
Contact body material	Brass
Perm. ambient temperature of cable, fixed cable	-40 - 90 °C
Perm. ambient temperature of cable, flexible cable	-30 - 90 °C
Suitable for trailing chain	Yes
Ambient temperature	-30 - 90 °C
Line diameter	6.3 mm

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

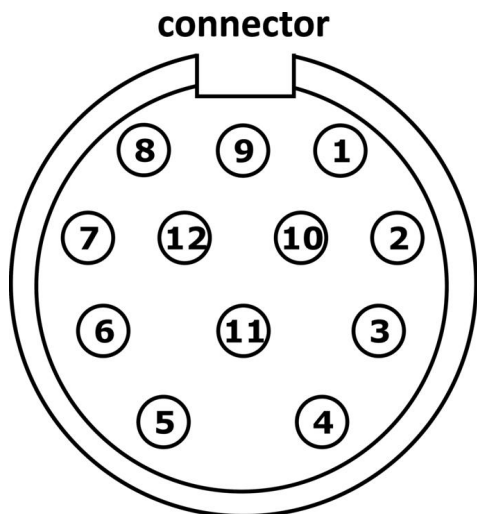
Classification

ETIM 8	EC001855 Assembled sensor-actuator cable
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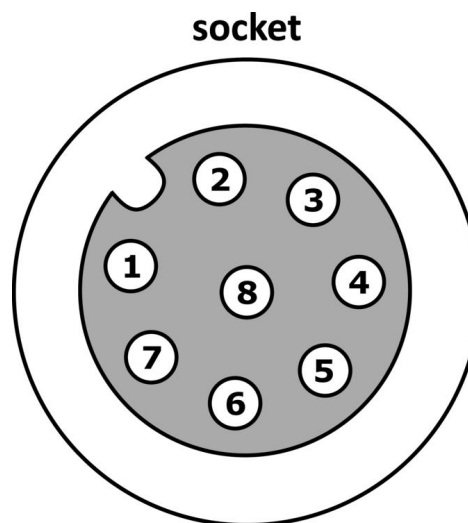
More

IPF Product Group	851 cable sockets / connectors (both side ready made)
packaging dimensions	220 x 140 x 30 mm
gross weight	109 g
Customs tariff number	85444290
WEEE number	40951076
Reach-compliant	Yes
RoHS-compliant	Yes

Connection



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



- 1** white
- 2** brown
- 3** green
- 4** yellow
- 5** gray
- 6** pink
- 7** blue
- 8** red

Extract accessories program

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

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.