

## VK10HF25

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

Connection cable, 1m, M12 socket 4-pin straight, M12 connector 4-pin straight, 4x0.34mm<sup>2</sup>, PTFE, Ø3.8mm, 250V, -20-150°C, IP65, oils and cooling lubricants, welding area



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
Flow resistance	5 mOhm
Number of pins of A connection	4
Number of pins of B connection	4
Ampacity	4 A
Operating voltage (AC 50Hz)	250 V
Operating voltage (DC)	250 V

#### Mechanical features

Number of cores	4
Wire assembly	7 x 0.254mm
Conductor cross-section	0.34 mm <sup>2</sup>
Cable length	1 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
Degree of protection (IP)	IP65
Material of cable sheath	Plastic (PTFE)
Contact body material	Brass
Perm. ambient temperature of cable, fixed cable	-20 - 150 °C
Seawater-resistant	Yes
Material of the screw fitting	Brass
Line diameter	3.8 mm

**Optical features**

Degree of soiling	3
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**Other features**

Flame retardant	No
Hydrolysis-proof	Yes
Free of LABS	Yes
Ozone and UV-resistant	Yes
Welding area	Yes
Acid and alkali-resistant	Yes
Oil and cooling lubricants	Yes

**Classification**

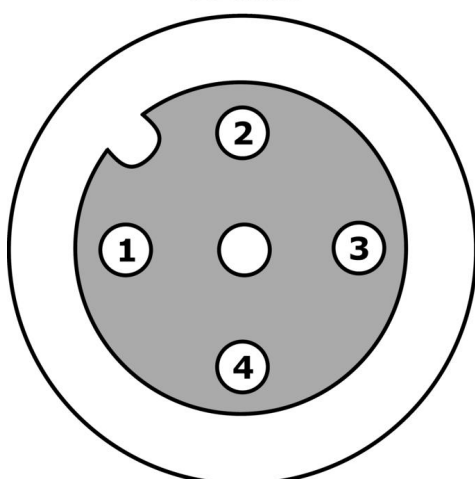
ETIM 8	EC001855 Assembled sensor-actuator cable
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**More**

IPF Product Group	856 cable socket / cable connector (diverse)
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

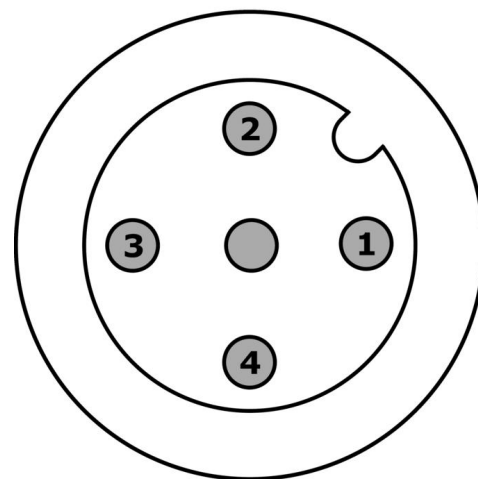
**Connection**

**socket**



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

**connector**



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

**Extract accessories program****AV98F001****AV98F002**

Tool, wrench insert for torque wrench, SW13

**AV000141**accessories cable socket,  
Mounting clip, 13.5mm, PPO,  
Packaging unit 5, Accessories for  
Cable socket/connector M12**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.