

## VK50E257

### Connection technology • Data transfer

Data cable, Connection cable, 5m, M12 Male (connector) 4pin Straight, D-coding, M12 Male (connector) 4pin Straight, D-coding, 4x0.14mm<sup>2</sup>, Category 5E, -40-75°C, TPU, Shielded



ipf cable sockets are used primarily for establishing the electrical connection of sensors. Their features are characterized by rugged design, the highest protection classes (IP67 | IP68 | IP69K) and, if desired, with 360° shielding. With the features: bus-ready, suitable for use with drag chains and robots, resistance to oil and chemicals, resistance to welding sparks, their resistance to cleaning agents or high-pressure and steam-jet cleaning, the expanded temperature range of up to +230°C, the rapid interconnection technology and special data transmission properties, the cable sockets meet all requirements in automation technology.

#### Electrical features

Type of plug-in contact, A connection	Male (connector)
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	4
Number of pins of B connection	4
Operating voltage (AC 50Hz)	50V
Operating voltage (DC)	50V
Shielded	Yes

#### Mechanical features

Number of cores	4
Wire assembly	7 x 0.25mm
Conductor cross-section	0.14mm <sup>2</sup>
Outer diameter	6.5mm
Cable sheath color	green
Cable length	5m
Cable infeed of A connection	straight
Cable infeed of B connection	straight
Coding of connection A	D
Coding of connection B	D
Housing material	TPU
Material of cable sheath	Plastic (PUR)
Perm. ambient temperature of cable, fixed cable	-40 - 75°C

## Other features

Category	5E
Halogen-free	Yes
Version	Programming cable

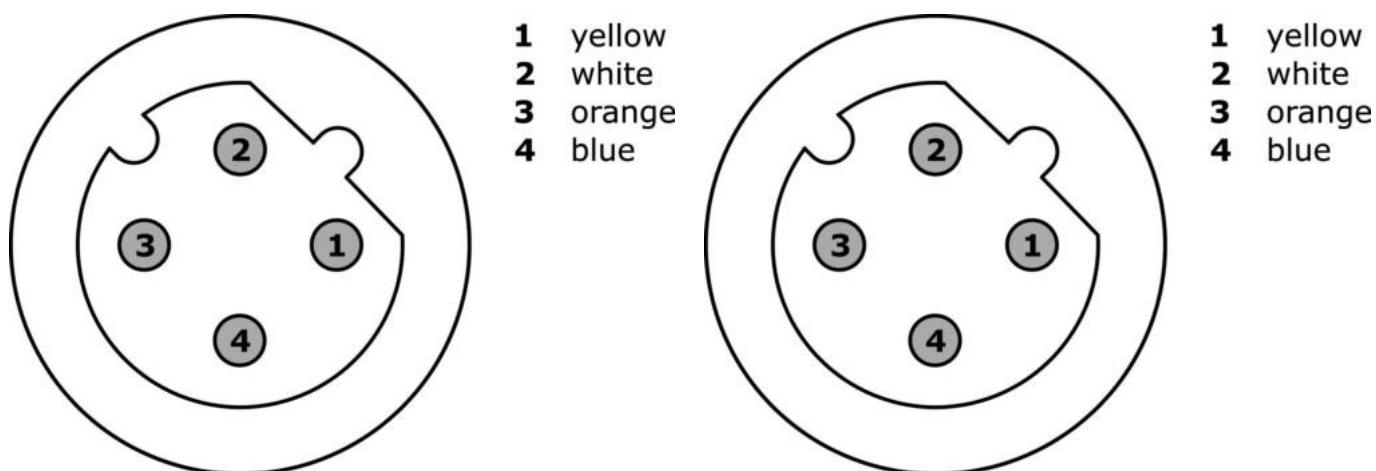
## Classification

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	250 x 250 x 30 mm
gross weight	343 g
Customs tariff number	85444290
WEEE number	40951076
OzDS-compliant	Yes
POP-compliant	Yes
Reach-compliant	Yes
RoHS-compliant	Yes

## Connection



## Installation



Mounting / installation may only be carried out by a qualified electrician!

## Disposal



## 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.

For suitable connection and mounting accessories, please refer to our website [www.ipf-electronic.com](http://www.ipf-electronic.com).

**Dimensional drawing**

