

## VK00302D

### Connection technology • Cable sockets / connectors for self-assembly

Junction box, straight, self assembly, screw connection, Ø4-8mm, 2A, 30V, -30-80°C, M12 receptacle 8pin, IP67, PBT



ipf cable boxes are mainly used to establish the electrical connection of sensors. Their characteristics are defined by the robust version, in highest protection classes (IP67 | IP68 | IP69K) and on request with 360° shielding. With the features: bus-compatible, drag chain and robot-compatible, oil-, chemical-resistant, welding spark-resistant, their detergent-resistant or resistance to high-pressure and steam jet cleaning, the extended temperature range up to +230°C, the rapid interconnection (technology) or special data transmission properties, the cable boxes meet all requirements of automation technology.

#### Electrical features

Type of plug-in contact, A connection	Female (socket)
Type of A electrical connection	M12
Type of B electrical connection	Screw connection
Number of pins of A connection	8
Ampacity	2 A
Operating voltage (AC 50Hz)	30 V
Operating voltage (DC)	30 V

#### Mechanical features

Wire cross section	0,5 mm <sup>2</sup>
Cable infeed	straight
Cable infeed of A connection	straight
Coding of connection A	A
Degree of protection (IP)	IP67
Housing material	Plastic
Contact body material	Brass
Permitted cable diameter	4 - 8 mm
Ambient temperature	-30 - 80 °C

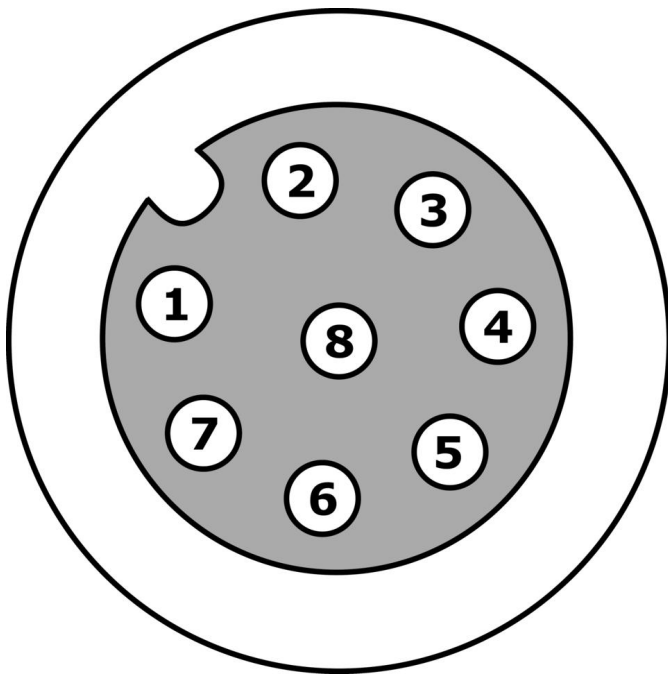
#### Classification

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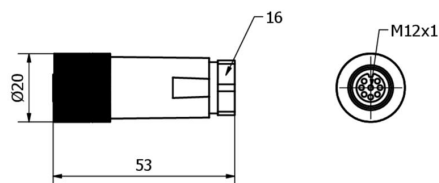
**More**

IPF Product Group	852 cable sockets / connectors (self-assembly)
packaging dimensions	120 x 100 x 25 mm
gross weight	32 g
Customs tariff number	85369010
WEEE number	40951076
Reach-compliant	Yes
RoHS-compliant	Yes

**Connection**



**Dimensional drawing**



**Installation**

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



**Disposal**

WEEE number according to § 6 para. 3  
ElektroG: 40951076

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**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.