

VKA05A44

Connection technology • Cable sockets / connectors pre-assembled on one side

Connection cable, 10m, Female (socket) 6pin Straight, Free conductor end, 6x0.14mm², PVC Gray, Ø4.9mm, 350V, 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	Female (socket)
Type of B electrical connection	Free conductor end
Flow resistance	0.14 mOhm
Number of pins of A connection	6
Operating voltage (AC 50Hz)	350 V
Operating voltage (DC)	350 V
Shielded	Yes

Mechanical features

Number of cores	6
Conductor cross-section	0.14 mm ²
Cable sheath color	Gray
Cable length	10 m
Cable infeed of A connection	straight
Material of cable sheath	Plastic (PVC)
Perm. ambient temperature of cable, fixed cable	-40 - 80 °C
Ambient temperature	-5 - 50 °C
Line diameter	4.9 mm

Other features

Flame retardant	in accordance with EN 60332-1-2
Halogen-free	Yes
Free of LABS	Yes
Ozone and UV-resistant	Yes

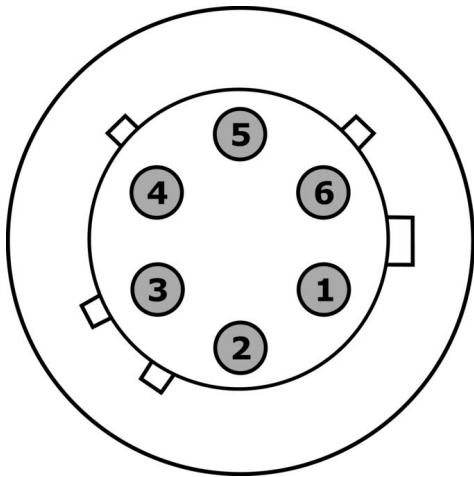
Classification

ETIM 8	EC001855 Assembled sensor-actuator cable
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More

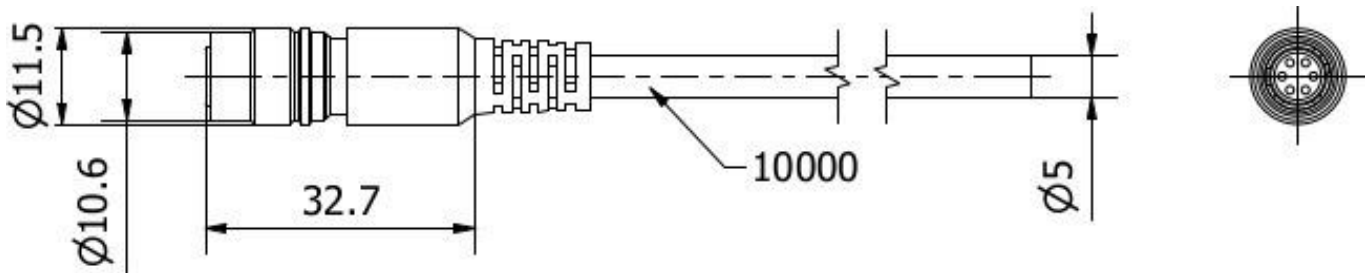
IPF Product Group	856 cable socket / cable connector (diverse)
packaging dimensions	300 x 200 x 300 mm
gross weight	366 g
Customs tariff number	85444290
WEEE number	40951076
Reach-compliant	Yes
RoHS-compliant	Yes

Connection



- 1** white
- 2** brown
- 3** green
- 4** yellow
- 5** gray
- 6** pink

Dimensional drawing



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

AV98F001**AV98F002**

Tool, wrench insert for torque wrench, SW13

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.