

VK507B41

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

Connection cable, 5m, M9 connector 8-pin angular, free cable end, 8x0.14mm², PUR (polyurethane), 125V, IP67, shielded, suitable for trailing chain and torsion resistant, oils and cooling lubricants, welding area



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 A electrical connection | M9 |
| Type of B electrical connection | Free conductor end |
| Flow resistance | 3 mOhm |
| Number of pins of A connection | 8 |
| Ampacity | 1 A |
| Operating voltage (AC 50Hz) | 125 V |
| Operating voltage (DC) | 125 V |
| Shielded | Yes |

Mechanical features

| | |
|-------------------------------|----------------------|
| Number of cores | 8 |
| Conductor cross-section | 0.14 mm ² |
| Cable length | 5 m |
| Cable infeed of A connection | angular |
| Degree of protection (IP) | IP67 |
| Material of cable sheath | Plastic (PUR) |
| Material of the screw fitting | Brass |
| Ambient temperature | -25 - 70 °C |

Other features

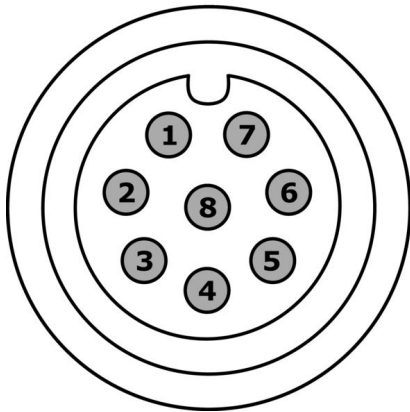
| | |
|---|-----|
| Flame retardant | No |
| Suitable for trailing chain and torsion resistant | Yes |
| Welding area | Yes |
| Oil and cooling lubricants | Yes |

Classification

| | |
|--------|--|
| ETIM 8 | EC001855 Assembled sensor-actuator cable |
|--------|--|

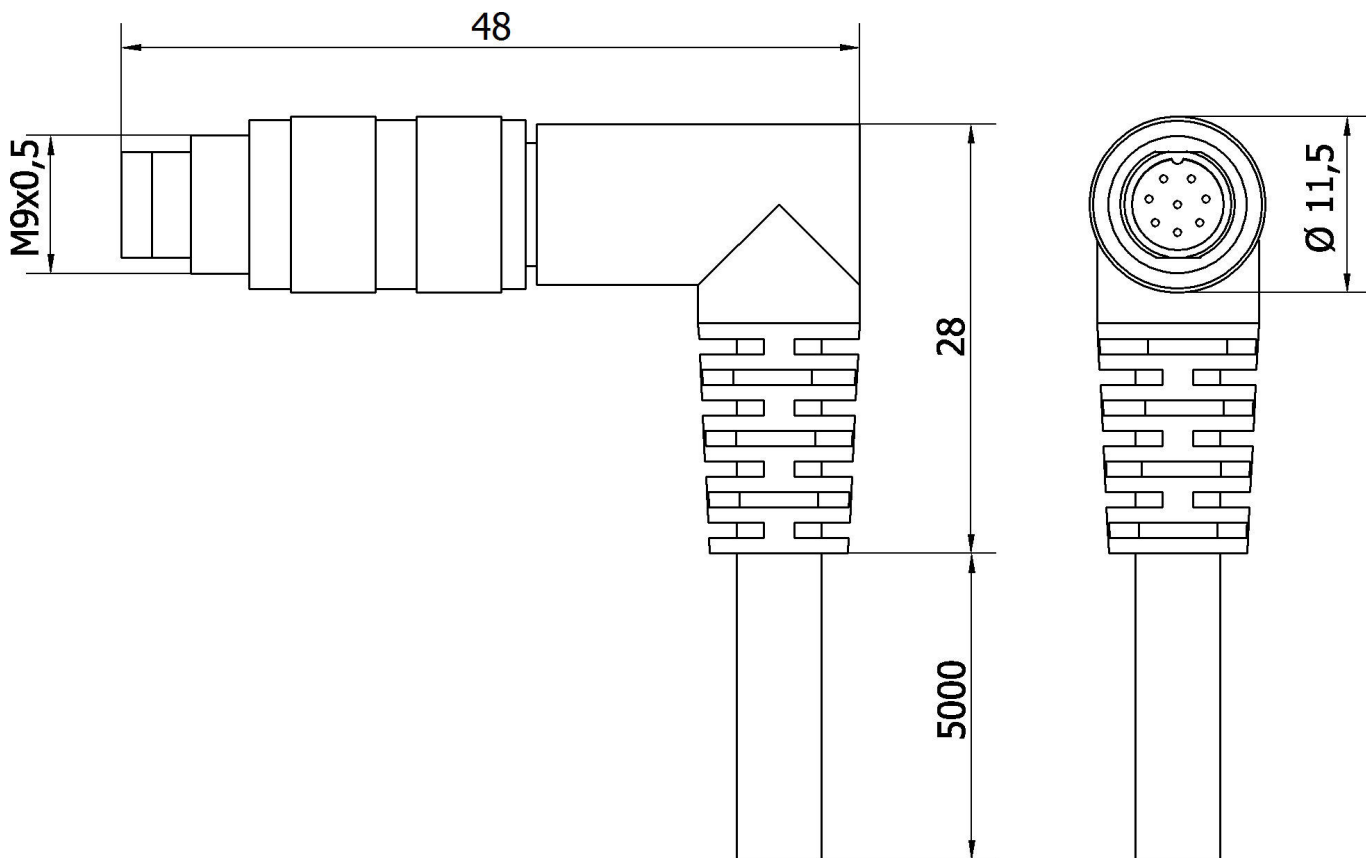
More

| | |
|-----------------------|--|
| IPF Product Group | 856 cable socket / cable connector (diverse) |
| packaging dimensions | 230 x 150 x 30 mm |
| gross weight | 220 g |
| Customs tariff number | 85444290 |
| WEEE number | 40951076 |
| OzDS-compliant | Yes |
| POP-compliant | Yes |
| Reach-compliant | Yes |
| RoHS-compliant | Yes |

Connection**connector**

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

Dimensional drawing



Extract accessories program

AV000141



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

AV98F001



AV98F002



Tool, wrench insert for torque
wrench, SW13

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

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.