

VK003S78

Connection technology • Cable sockets / connectors for self-assembly

Cable connector, Straight, Suitable for self-assembly, Quick connection, Ø4-5.1mm, 4A, 32V, -25-85°C, M8 Male (connector) 3pin, IP67



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 | M8 |
| Type of B electrical connection | Quick connection |
| Number of pins of A connection | 3 |
| Ampacity | 4 A |
| Operating voltage (AC 50Hz) | 32 V |
| Operating voltage (DC) | 32 V |

Mechanical features

| | |
|-------------------------------|--------------------------------------|
| Wire cross section | 0,14 - 0,34 mm ² |
| Cable infeed | straight |
| Degree of protection (IP) | IP67 |
| Housing material | Polyamide PA |
| Insulating body material | Plastic (PA) |
| Permitted cable diameter | 4 - 5,1 mm |
| Material of the screw fitting | Zinc diecast, nickel-plated (n-pltd) |
| Contact material | CuSn, gold-plated |
| Ambient temperature | -25 - 85 °C |

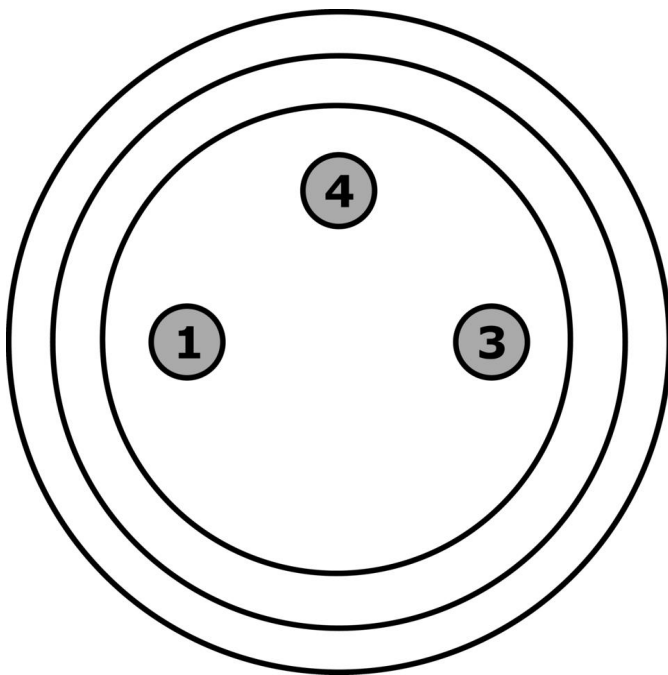
Classification

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

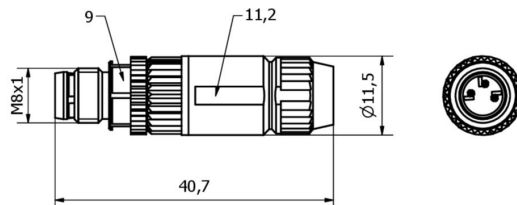
More

| | |
|-----------------------|--|
| IPF Product Group | 852 cable sockets / connectors (self-assembly) |
| packaging dimensions | 180 x 165 x 16 mm |
| gross weight | 20 g |
| Customs tariff number | 85369010 |
| WEEE number | 40951076 |
| OzDS-compliant | Yes |
| POP-compliant | Yes |
| 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

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.