

## VK004028

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

Cable connector, straight, self-assembly, screw connection, Ø8-10mm, 12A, 630V, -40-85°C, M12 connector 4-pin, IP67, PA 6 (plastic), S-coding



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

#### Electrical features

|                                       |                  |
|---------------------------------------|------------------|
| Type of plug-in contact, A connection | Male (connector) |
| Type of A electrical connection       | M12              |
| Type of B electrical connection       | Screw connection |
| Number of pins of A connection        | 4                |
| Ampacity                              | 12 A             |
| Operating voltage (AC 50Hz)           | 630 V            |
| Operating voltage (DC)                | 630 V            |
| ardSOCA_Betriebsspannung              |                  |
| Coding of connection A                | S                |

#### Mechanical features

|                           |                  |
|---------------------------|------------------|
| Cable infeed              | straight         |
| Degree of protection (IP) | IP67             |
| Contact coating material  | Gold             |
| Housing material          | PA 6 (synthetic) |
| Contact body material     | Brass            |
| Permitted cable diameter  | 8 - 10 mm        |
| Ambient temperature       | -40 - 85 °C      |

#### Classification

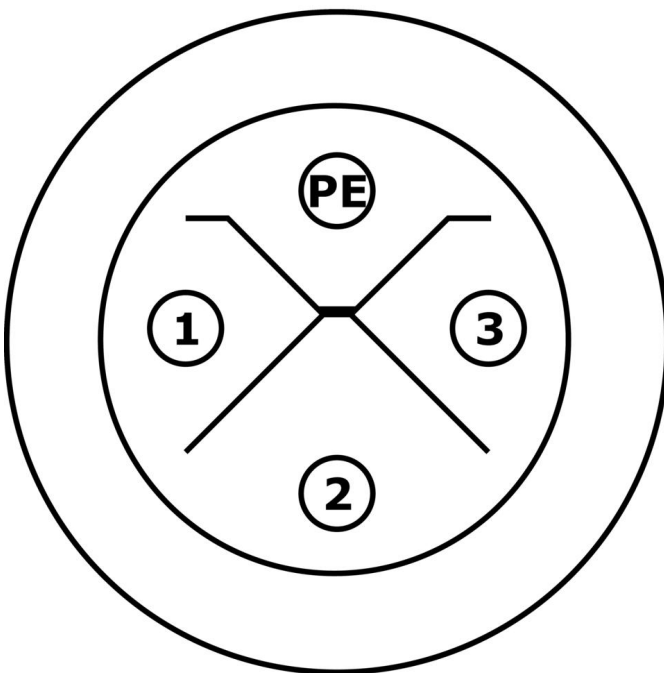
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**More**

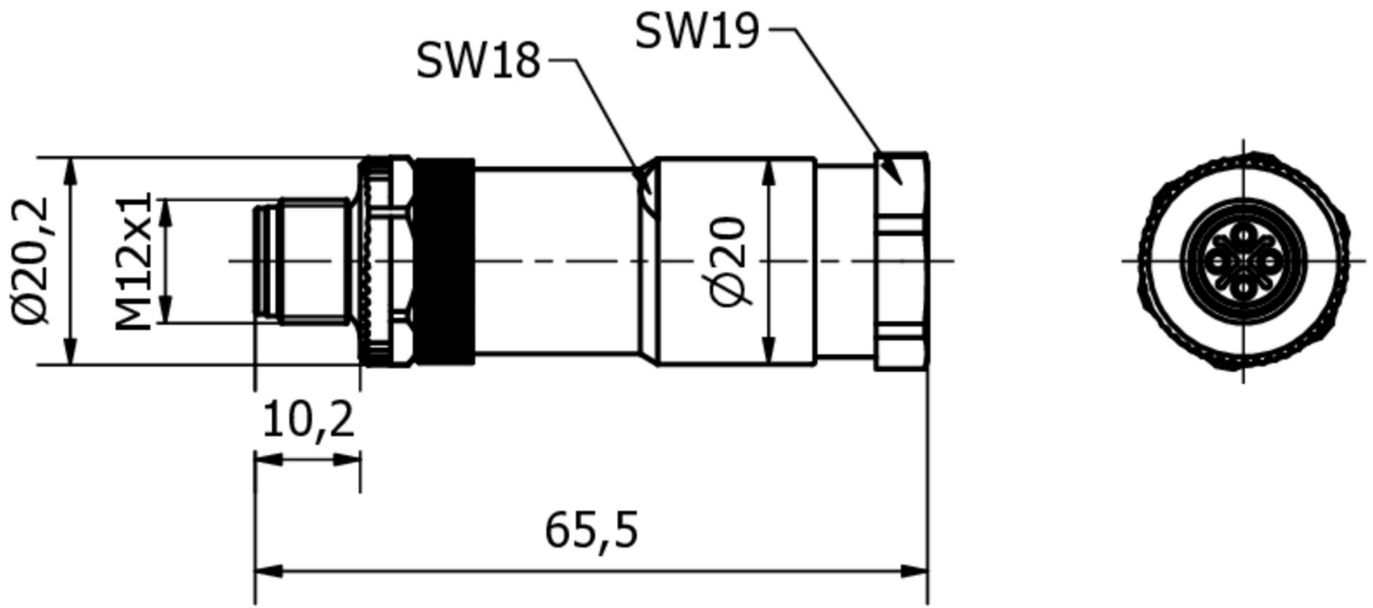
|                       |                                                |
|-----------------------|------------------------------------------------|
| IPF Product Group     | 852 cable sockets / connectors (self-assembly) |
| packaging dimensions  | 100 x 120 x 20 mm                              |
| gross weight          | 25 g                                           |
| Customs tariff number | 85369010                                       |
| WEEE number           | 40951076                                       |
| Reach-compliant       | Yes                                            |
| RoHS-compliant        | Yes                                            |

**Connection**

**connector**



**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.