

## VK003020

### CONNECTION TECHNOLOGY • CABLE SOCKETS FIELD-ATTACHABLE

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.



#### MECHANICAL DATA

|   |                      |
|---|----------------------|
| Contact body material                           | CuZn                 |
| Contact coating material                        | Au                   |
| Degree of protection (IP)                       | IP67                 |
| Housing material                                | PBT                  |
| Number of wires                                 | 4                    |
| Perm. ambient temperature of cable, fixed cable | -25 °C ... 90 °C     |
| Positioning of cable feed, field side           | Angled               |
| Suitable for trailing chain                     | Yes                  |
| Wire cross section                              | 0.75 mm <sup>2</sup> |

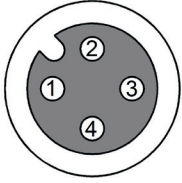
#### ELECTRICAL DATA

|   |                 |
|---|-----------------|
| Number of pins                            | 4               |
| Rated current I <sub>n</sub>              | 4 A             |
| Rated voltage                             | 240 V           |
| Shielded                                  | No              |
| Suitable for self-assembly                | Yes             |
| Type of electrical connection, field side | M12             |
| Type of plug-in contact, field side       | Female (socket) |

#### OTHER DATA

|                            |     |
|----------------------------|-----|
| Flame resistant            | No  |
| Halogen-free               | No  |
| IR-networked               | No  |
| Oil and cooling lubricants | Yes |
| Welding area               | Yes |

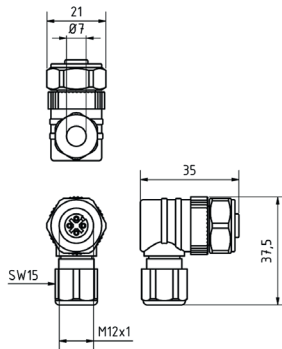
## CONNECTION



**Colors:** 1 = BN (brown), 2 = WH (white), 3 = BU (blue), 4 = BK (black)

**Functions:**

## DIMENSIONAL DRAWING



## INSTALLATION



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

## DISPOSAL



## SAFETY WARNINGS

Before initial operation, please make sure to follow all safety instructions that may be provided in the product information!