

## VK200F81

### CONNECTION TECHNOLOGY • CABLE SOCKETS /CONNECTORS TWO-SIDED PRE-ASSEMBLED

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

|   |                      |
|---|----------------------|
| Cable length                                    | 2 m                  |
| Degree of protection (IP)                       | IP67                 |
| Material of cable sheath                        | PUR (Polyurethane)   |
| Number of wires                                 | 4                    |
| Perm. ambient temperature of cable, fixed cable | -25 °C ... 80 °C     |
| Positioning of cable feed, field side           | Angled               |
| Positioning of cable feed, housing side         | Straight             |
| Suitable for trailing chain                     | Yes                  |
| Wire assembly                                   | 42 x 0.1mm           |
| Wire cross section                              | 0.34 mm <sup>2</sup> |

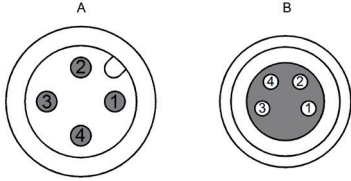
#### ELECTRICAL DATA

|   |                 |
|---|-----------------|
| Number of pins                              | 4               |
| Rated voltage                               | 60 V            |
| Type of electrical connection, field side   | M8              |
| Type of electrical connection, housing side | M12             |
| Type of plug-in contact, field side         | Female (socket) |
| Type of plug-in contact, housing side       | Male (plug)     |

#### OTHER DATA

|   |                                 |
|---|---------------------------------|
| Flame resistant                                   | In accordance with EN 60332-2-2 |
| Free of LABS                                      | Yes                             |
| Halogen-free                                      | Yes                             |
| Hydrolysis-proof                                  | Yes                             |
| IR-networked                                      | No                              |
| Oil and cooling lubricants                        | Yes                             |
| Ozone and UV-resistant                            | Yes                             |
| RoHS-compliant                                    | Yes                             |
| Silicone-free                                     | Yes                             |
| Suitable for trailing chain and torsion resistant | Yes                             |
| Welding area                                      | Yes                             |

## CONNECTION



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

B: 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!