

## VK10E025

### 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                            | 1 m                  |
| Material of cable sheath                | PUR (Polyurethane)   |
| Number of wires                         | 4                    |
| Positioning of cable feed, field side   | Straight             |
| Positioning of cable feed, housing side | Straight             |
| Wire cross section                      | 0.75 mm <sup>2</sup> |

#### ELECTRICAL DATA

|  |                 |
|--|-----------------|
| Number of electrical connections, field side   | 1               |
| Number of electrical connections, housing side | 1               |
| Number of pins                                 | 4               |
| Number of pins, housing side                   | 4               |
| Type of cable                                  | Multi-core      |
| Type of electrical connection, field side      | M12             |
| 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)     |
| With LED display                               | No              |

#### OTHER DATA

|   |     |
|---|-----|
| Acid and alkali-resistant                         | Yes |
| Flame resistant                                   | No  |
| Halogen-free                                      | Yes |
| Hydrolysis-proof                                  | Yes |
| Silicone-free                                     | Yes |
| Suitable for trailing chain and torsion resistant | Yes |
| Welding area                                      | Yes |

**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!