

VK30E044

CONNECTION TECHNOLOGY • CABLE SOCKETS /CONNECTORS ONE-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

| | |
|---|----------------------|
| Ambient temperature (MAX) | 90 °C |
| Ambient temperature (MIN) | -25 °C |
| Cable length | 3 m |
| Degree of protection (IP) | IP67 |
| Material of cable sheath | PUR/plastic |
| Number of wires | 6 |
| Perm. ambient temperature of cable, fixed cable (MAX) | 90 °C |
| Perm. ambient temperature of cable, fixed cable (MIN) | -25 °C |
| Positioning of cable feed, field side | Straight |
| Suitable for trailing chain | Yes |
| Wire cross section | 0.25 mm ² |

ELECTRICAL DATA

| | |
|---|--------------------|
| Flow resistance | 5 mOhm |
| Nominal supply voltage | 300 V |
| Number of pins | 6 |
| Number of pins, housing side | 6 |
| Rated current I _n | 1.5 A |
| Rated voltage | 30 V |
| Type of cable | Multi-core |
| Type of electrical connection, field side | M8 |
| Type of electrical connection, housing side | Free conductor end |
| Type of plug-in contact, field side | Female (socket) |

OPTICAL DATA

| | |
|-------------------|---|
| Degree of soiling | 3 |
|-------------------|---|

OTHER DATA

| | |
|---------------------------|-----|
| Acid and alkali-resistant | Yes |
| Flame resistant | No |
| Hydrolysis-proof | Yes |

OTHER DATA

| | |
|---|-----|
| IR-networked | No |
| Oil and cooling lubricants | Yes |
| Ozone and UV-resistant | 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!

Never use these devices in applications where the safety of a person depends on their functionality.