

VK15HF25

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 | 1.5 m |
| Contact body material | CuZn |
| Degree of protection (IP) | IP65 |
| Increased ambient temperature > 90°C | Yes |
| Material of cable sheath | PTFE |
| Number of wires | 4 |
| Perm. ambient temperature of cable, fixed cable | -20 °C ... 150 °C |
| Positioning of cable feed, field side | Straight |
| Positioning of cable feed, housing side | Straight |
| Seawater-resistant | Yes |
| Wire assembly | 7 x 0.254mm |
| Wire cross section | 0.34 mm ² |

ELECTRICAL DATA

| | |
|---|-----------------|
| Flow resistance | 5 mOhm |
| Line diameter | 3.8 mm |
| Number of pins | 4 |
| Number of pins, housing side | 4 |
| Rated current I _n | 4 A |
| Rated voltage | 250 V |
| 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) |

OTHER DATA

| | |
|---------------------------|-----|
| Acid and alkali-resistant | Yes |
| Flame resistant | No |
| Free of LABS | Yes |
| Hydrolysis-proof | Yes |
| IR-networked | No |

OTHER DATA

| | |
|---|-----|
| Oil and cooling lubricants | Yes |
| Ozone and UV-resistant | Yes |
| RoHs-compliant | 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!