

## 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	-25 °C ... 90 °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	-25 °C ... 90 °C
Positioning of cable feed, field side	Straight
Suitable for trailing chain	Yes
Wire cross section	0.25 mm <sup>2</sup>

#### ELECTRICAL DATA

Flow resistance	5 mOhm
Nominal supply voltage	300 V
Number of pins	6
Number of pins, housing side	6
Rated current I <sub>n</sub>	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
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#### OTHER DATA

Acid and alkali-resistant	Yes
Flame resistant	No
Hydrolysis-proof	Yes
IR-networked	No
Oil and cooling lubricants	Yes

**OTHER DATA**

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!