

**VKB00C25**

**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**

Cable length	20 m
Contact body material	CuZn
Degree of protection (IP)	IP67
Material of cable sheath	PUR (Polyurethane)
Number of wires	12
Perm. ambient temperature of cable, fixed cable (MAX)	90 °C
Perm. ambient temperature of cable, fixed cable (MIN)	-30 °C
Positioning of cable feed, field side	Straight
Suitable for trailing chain	Yes
Wire assembly	72 x 0.05mm
Wire cross section	0.14 mm <sup>2</sup>

**ELECTRICAL DATA**

Flow resistance	5 mOhm
Line diameter	5.8 mm
Number of pins	12
Rated current I <sub>n</sub>	1.5 A
Rated voltage	30 V
Type of electrical connection, field side	M12
Type of plug-in contact, field side	Female (socket)

**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

**OTHER DATA**

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.