

VK003L28

CONNECTION TECHNOLOGY • CABLE SOCKETS FIELD-ATTACHABLE

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	-40 °C ... 80 °C
Contact body material	CuZn
Contact coating material	Au
Degree of protection (IP)	IP67
Housing material	PA 6 (synthetic)
Permitted cable diameter	6 mm ... 8 mm
Positioning of cable feed, field side	Straight
Suitable for trailing chain	Yes
Wire cross section	0.25 mm ²

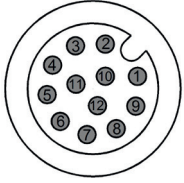
ELECTRICAL DATA

Number of pins	12
Rated current I _n	2 A
Rated voltage	30 V
Suitable for self-assembly	Yes
Type of electrical connection, field side	M12
Type of plug-in contact, field side	Male (plug)

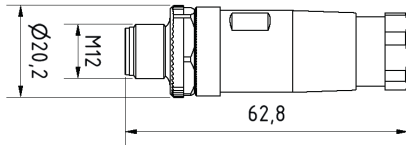
OTHER DATA

Oil and cooling lubricants	Yes
Welding area	Yes

CONNECTION



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!