

VK004024

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 (MAX)	85 °C
Ambient temperature (MIN)	-40 °C
Contact body material	CuZn
Contact coating material	Au
Degree of protection (IP)	IP67
Housing material	PA 6 (synthetic)
Permitted cable diameter (MAX)	10 mm
Permitted cable diameter (MIN)	8 mm
Positioning of cable feed, field side	Straight
Version	Female (socket)
Wire cross section	1.5 mm ²

ELECTRICAL DATA

Number of pins	4
Positioning of cable feed	Straight
Rated current I _n	12 A
Rated voltage	630 V
Suitable for self-assembly	Yes
Type of connection socket for actuators and sensors	M12
Type of electrical connection	Screw connection
Type of electrical connection, field side	M12
Type of plug-in contact, field side	Female (socket)

DIMENSIONAL DRAWING

INSTALLATION

DISPOSAL



Mounting / Installation may only be carried out by a qualified electrician!



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.