

VK000037

CONNECTION TECHNOLOGY • CONNECTION ADAPTERS

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

Degree of protection (IP)	IP67
Number of wires	3
Perm. ambient temperature of cable, fixed cable (MAX)	85 °C
Perm. ambient temperature of cable, fixed cable (MIN)	-25 °C
Suitable for trailing chain	Yes

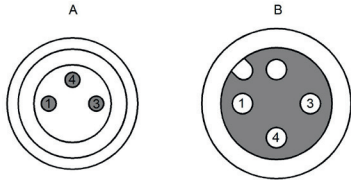
ELECTRICAL DATA

Number of pins	3
Rated current I _n	4 A
Rated voltage	24 V
Shielded	No
Type of electrical connection, field side	M12
Type of electrical connection, housing side	M8
Type of plug-in contact, field side	Female (socket)
Type of plug-in contact, housing side	Male (plug)
With LED display	No

OTHER DATA

Flame resistant	No
Halogen-free	No
IR-networked	No
Oil and cooling lubricants	Yes
Welding area	Yes

CONNECTION



Colors: A: 1 = BN (brown), 3 = BU (blue), 4 = BK (black)
B: 1 = BN (brown), 3 = BU (blue), 4 = BK (black)
Functions:

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.