

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	-25 °C ... 85 °C
Suitable for trailing chain	Yes

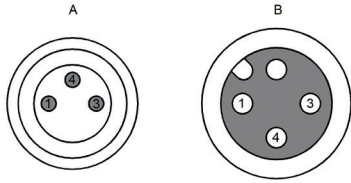
ELECTRICAL DATA

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!