

VK003E28

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

Contact body material	CuZn
Contact coating material	Ni/Au
Degree of protection (IP)	IP67
Housing material	Brass
Number of wires	4
Perm. ambient temperature of cable, fixed cable (MAX)	90 °C
Perm. ambient temperature of cable, fixed cable (MIN)	-25 °C
Positioning of cable feed, housing side	Straight
Wire cross section	0.75 mm ²

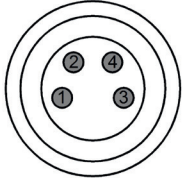
ELECTRICAL DATA

Number of pins	4
Rated current I _n	4 A
Suitable for self-assembly	Yes
Type of electrical connection, housing side	M12
Type of plug-in contact, housing side	Male (plug)
With LED display	No

OTHER DATA

Flame resistant	No
IR-networked	No

CONNECTION

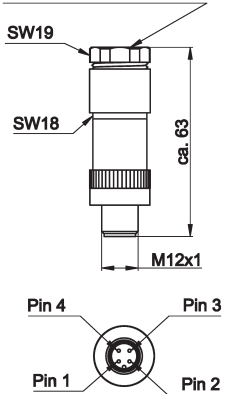


Colors: 1 = BN (brown), 2 = n. c., 3 = BU (blue), 4 = BK (black)

Functions:

DIMENSIONAL DRAWING

2x Ø3mm oder 2x Ø5mm



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.