

VK03E211

CONNECTION TECHNOLOGY • CABLE SOCKETS /CONNECTORS TWO-SIDED PRE-ASSEMBLED

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	-30 °C ... 90 °C
Cable length	0.3 m
Cable sheath color	Black
Contact body material	CuZn
Contact coating material	Au
Degree of protection (IP)	IP67
Material of cable sheath	PUR (Polyurethane)
Max. tightening torque	1 Nm
Number of wires	5
Suitable for trailing chain	Yes

ELECTRICAL DATA

Number of electrical connections, field side	1
Number of electrical connections, housing side	1
Number of pins	5
Number of pins, housing side	12
Rated current I _n	1.5 A
Rated voltage	30 V
Shielded	No
Type of cable	Multi-core
Type of electrical connection, field side	M12
Type of electrical connection, housing side	M12
Type of plug-in contact, field side	Female (socket)
Type of plug-in contact, housing side	Male (plug)
With LED display	No

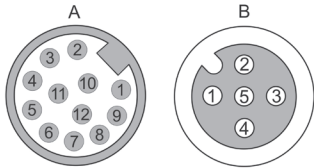
OTHER DATA

Flame resistant	In accordance with EN 60332-2-2
Free of LABS	Yes
Halogen-free	Yes
Hydrolysis-proof	Yes

OTHER DATA

IR-networked	No
Oil and cooling lubricants	Yes
Ozone and UV-resistant	Yes
RoHS-compliant	Yes
Silicone-free	Yes
Suitable for trailing chain and torsion resistant	Yes
Welding area	Yes

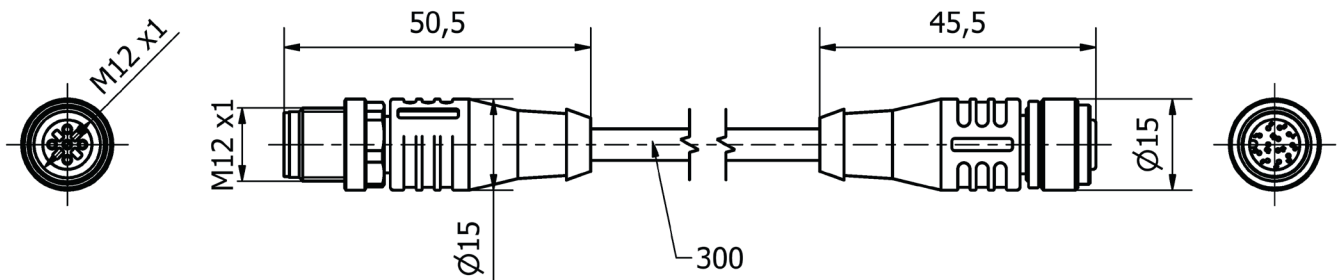
CONNECTION



Colors: A: 1 = BN (brown), 2 = BU (blue), 3 = WH (white), 4 = GN (green), 5 = PK (pink), 6 = YE (yellow), 7 = BK (black), 8 = GY (gray), 9 = RD (red), 10 = VT (violet), 11 = GY/PK (gray/pink), 12 = RD/BU (red/blue)

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!