

VK000054

CONNECTION TECHNOLOGY • DISTRIBUTION TERMINALS

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

Cable length	0.05 m
Cable sheath color	Black
Material of cable sheath	PUR (Polyurethane)
Positioning of cable feed, field side	Straight
Positioning of cable feed, housing side	Straight
Wire cross section	0.34 mm ²

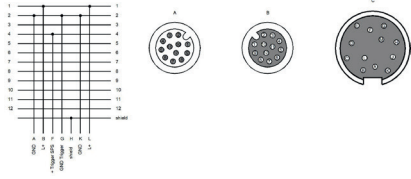
ELECTRICAL DATA

Line diameter	6.5 mm
Number of electrical connections, field side	2
Number of electrical connections, housing side	1
Number of pins, housing side	12
Type of electrical connection, field side	M12
Type of electrical connection, housing side	M16
Type of plug-in contact, field side	Male (plug)
Type of plug-in contact, housing side	Female (socket)

OTHER DATA

Flame resistant	No
Halogen-free	Yes
IR-networked	No
RoHS-compliant	Yes
Suitable for trailing chain and torsion resistant	Yes

CONNECTION



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!