

AV98A922

CONNECTION TECHNOLOGY • CONNECTORS / PLUGS

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 (MAX)	80 °C
Ambient temperature (MIN)	-25 °C
Contact body material	Brass
Contact coating material	Gold
Degree of protection (IP)	IP67
Insulating body material	FKM
Number of wires	8
Pitch of installation thread	1.5 mm
Type of installation thread	M16
Type of mechanical connection	Screw fitting M16
Wire cross section	0.34 mm ²
With thread	Yes

ELECTRICAL DATA

Ampacity	1.5 A
Length of single cores	0.5 m
Number of pins	8
Rated voltage	30 V
Suitable for self-assembly	Yes
Type of electrical connection, inner side	Wire
Type of electrical connection, outer side	M12
Type of plug-in contact, outer side	Male (plug)

OTHER DATA

Version	Built-in plug, complete
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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.