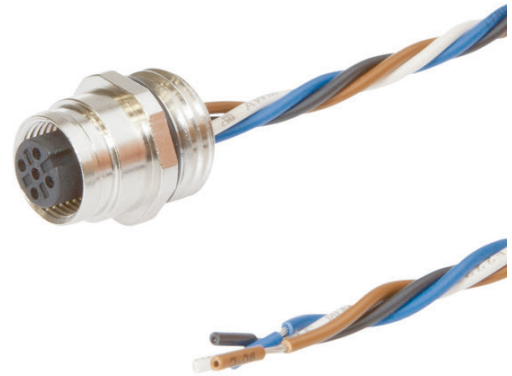


AV98A438

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)	90 °C
Ambient temperature (MIN)	-25 °C
Contact body material	Brass
Contact coating material	Gold
Degree of protection (IP)	IP68
Insulating body material	PA
Number of wires	4
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	4 A
Length of single cores	0.5 m
Number of pins	4
Rated voltage	36 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	Female (socket)

OTHER DATA

Oil and cooling lubricants	Yes
Version	Built-in socket, complete
Welding area	Yes

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.