

AV98C616

Connection technology • Built-in connectors / sockets

Accessories, mounting box complete, 30V, -30-90°C, M12 5-pin, IP67, screw fitting M16, length of single cores 0.5m

including 1x Nut



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.

Electrical features

Type of plug-in contact, A connection	Female (socket)
Type of A electrical connection	M12
Type of B electrical connection	Single cores
Length of single cores	0.5m
Number of pins	5
Ampacity	4A
Operating voltage (DC)	30V
Equipment grounding conductor	Yes

Mechanical features

Number of cores	5
Type of mechanical connection	Screw fitting M16x1.5
Degree of protection (IP)	IP67
Contact coating material	Gold
Insulating body material	Plastic (PA)
Contact body material	Brass
Ambient temperature	-30 - 90°C

Other features

Ambient temperature	-30 - 90°C
Version	Recessed box complete

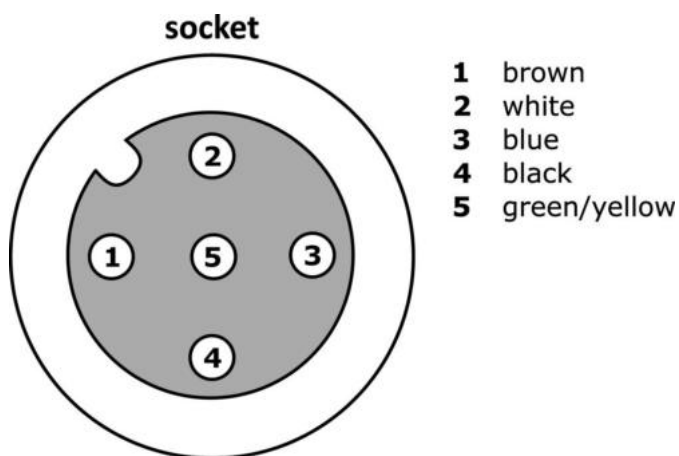
Classification

ETIM 8	EC003570 Circular connector, flush mounting (with cable)
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More

IPF Product Group	856 cable socket / cable connector (diverse)
packaging dimensions	175 x 100 x 20 mm
gross weight	30 g
Customs tariff number	85444290
WEEE number	40951076
OzDS-compliant	Yes
POP-compliant	Yes
Reach-compliant	Yes
RoHS-compliant	Yes

Connection



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.

For suitable connection and mounting accessories, please refer to our website www.ipf-electronic.com.