

VK50V325

Connection technology • Cable sockets / connectors pre-assembled on one side

Connection cable, 5m, M12 socket 4-pin straight, free cable end, 4x0.25mm², PUR/
PVC, Ø4.2mm, 250V, -25-70°C, IP67



ipf cable sockets are mainly used for the electrical connection of sensors. Their properties are characterized by the robust version, in the highest degrees of protection (IP67 | IP68 | IP69K) and with 360° shielding on request. With the features: bus-compatible, drag chain and robot-compatible, oil and chemical-resistant, welding spark-resistant, cleaning agent-resistant or resistant to high-pressure and steam jet cleaning, the enlarged temperature range up to +230°C, rapid interconnection (technology) or special data transmission properties, the cable sockets meet all the requirements of automation technology.

Electrical features

Type of plug-in contact, A connection	Female (socket)
Type of A electrical connection	M12
Type of B electrical connection	Free conductor end
Line diameter	4.2mm
Number of pins of A connection	4
Ampacity	4A
Operating voltage (DC)	250V

Mechanical features

Core insulation material	Plastic (PVC)
Number of cores	4
Wire assembly	32 x 0.1mm
Conductor cross-section	0.25mm ²
Bending radius (flexible)	65mm
Cable length	5m
Cable infeed of A connection	straight
Maximum tightening torque of connection A	0.8Nm
Degree of protection (IP)	IP67
Contact coating material	Ni/Au
Housing material	TPU
Material of cable sheath	Plastic (PUR)
Perm. ambient temperature of cable, fixed cable	-40 - 70°C
Perm. ambient temperature of cable, flexible cable	-5 - 60°C
Suitable for trailing chain	Yes
Material of the screw fitting	Nickel-plated (n-pltd) brass
Contact material	bronze
Ambient temperature	-25 - 70°C

Other features

Silicone-free	Yes
Oil and cooling lubricants	Yes
Version	Connection cable

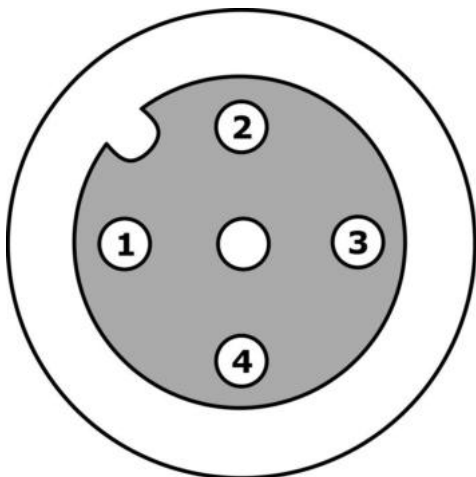
Classification

ETIM 8

More

IPF Product Group	850 cable sockets / connectors (one side ready made)
packaging dimensions	
gross weight	
Customs tariff number	85444290
WEEE number	40951076
Reach-compliant	Yes
RoHS-compliant	Yes

Connection



- 1** brown
- 2** white
- 3** blue
- 4** black

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.