

VK50A165

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

Connection cable, 5m, M12 Female (socket) 4pin Straight, Free conductor end, 4x0.25mm², PVC, Ø5mm



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	Free conductor end
Line diameter	5mm
Number of pins of A connection	4

Mechanical features

Number of cores	4
Wire assembly	32 x 0.1mm
Conductor cross-section	0.25mm ²
Cable length	5m
Cable infeed of A connection	straight
Degree of protection (IP)	IP65
Material of cable sheath	Plastic (PVC)
Perm. ambient temperature of cable, fixed cable	-25 - 70°C

Other features

Version	Connection cable
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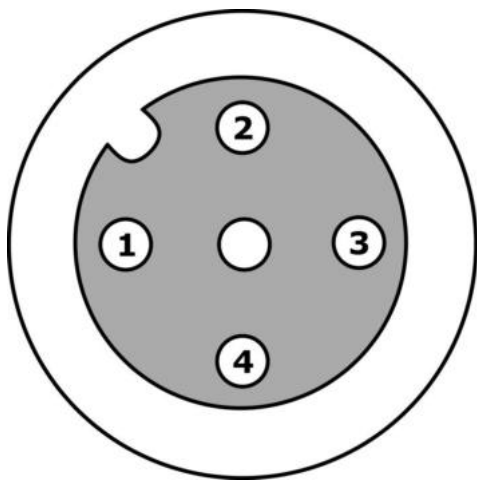
Classification

ETIM 8	EC001855 Assembled sensor-actuator cable
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More

IPF Product Group	856 cable socket / cable connector (diverse)
packaging dimensions	180 x 155 x 20 mm
gross weight	181 g
Customs tariff number	85444290
WEEE number	40951076
OzDS-compliant	Yes
POP-compliant	Yes
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.