

VKABHW2W

Connection technology • Cable sockets / connectors pre-assembled on two sides

Connection cable, 12m, M12 socket 3-pin straight, M12 connector 3-pin straight, 3x0.22mm², PTFE with stainl. steel braiding, -55-180°C



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

Electrical features

Type of plug-in contact, A connection	Female (socket)
Type of plug-in contact, B connection	Male (connector)
Type of A electrical connection	M12
Type of B electrical connection	M12
Line diameter	3.7mm
Number of pins of A connection	3
Number of pins of B connection	3

Mechanical features

Number of cores	3
Wire assembly	28 x 0.1mm
Conductor cross-section	0.22mm ²
Cable length	12m
Cable infeed of A connection	straight
Cable infeed of B connection	straight
Coding of connection A	A
Coding of connection B	A
Maximum tightening torque of connection A	1Nm
Maximum tightening torque of connection B	1Nm
Material of cable sheath	PTFE with stainl. steel mesh
Perm. ambient temperature of cable, fixed cable	-55 - 180°C

Other features

Flame retardant	No
Version	Connection cable

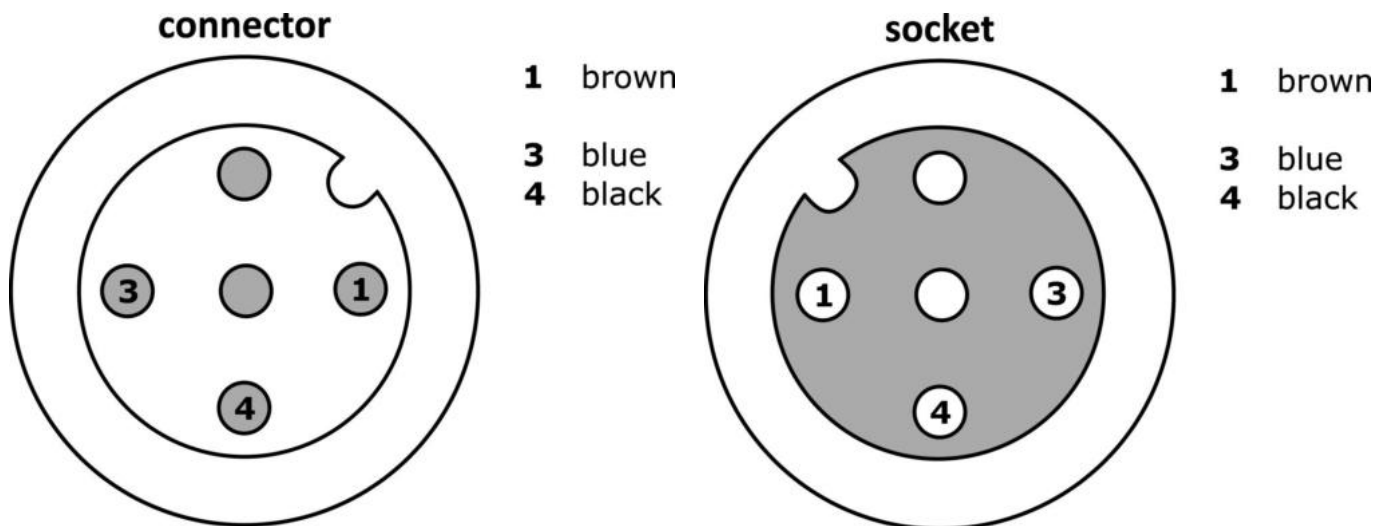
Classification

ETIM 8	EC001855 Assembled sensor-actuator cable
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More

IPF Product Group	853 cable sockets / connectors (high temperature)
packaging dimensions	300 x 200 x 20 mm
gross weight	387 g
Customs tariff number	85444290
WEEE number	40951076
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.

Dimensional drawing

