

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

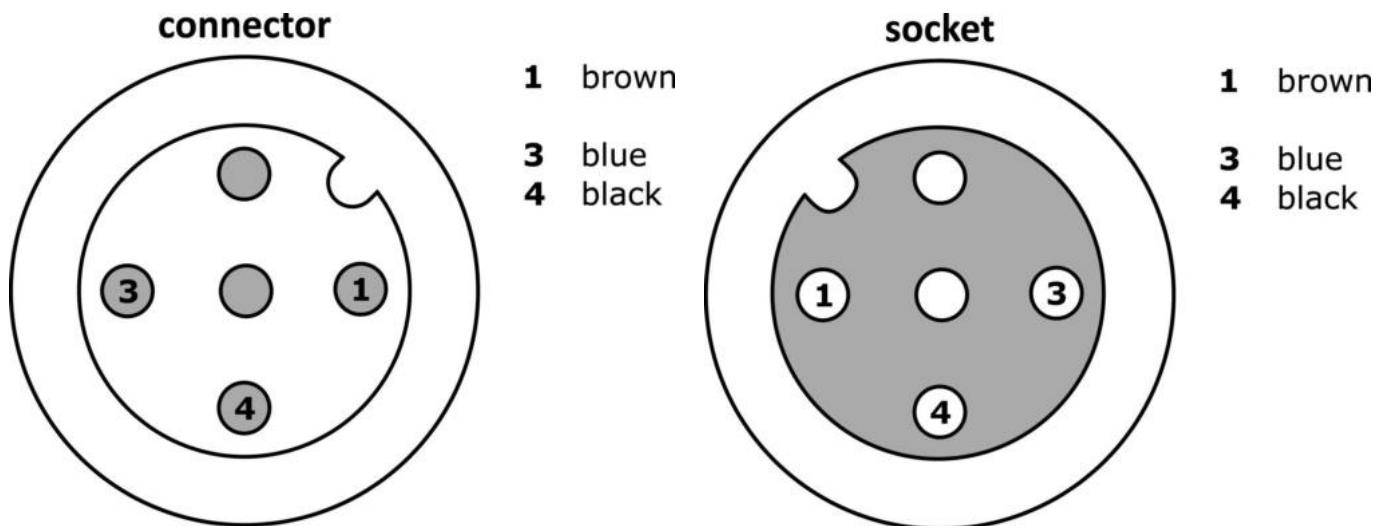
Classification

ETIM 8

EC001855 Assembled sensor-actuator cable

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