

VK20E149

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

Connection cable, 2m, M12 socket 3-pin angular, Binder 680 connector 7-pin straight, 3x0.34mm², PUR (polyurethane) black, Ø4.3mm, -30-90°C, IP67, oils and cooling lubricants, welding area, silicone-free



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 plug-in contact, B connection	Male (connector)
Type of A electrical connection	M12
Type of B electrical connection	Binder 680
Line diameter	4.3mm
Number of pins of A connection	3
Number of pins of B connection	7

Mechanical features

Number of cores	3
Wire assembly	42 x 0.1mm
Conductor cross-section	0.34mm ²
Cable sheath color	black
Cable length	2m
Cable infeed of A connection	angular
Cable infeed of B connection	straight
Maximum tightening torque of connection A	0.5Nm
Degree of protection (IP)	IP67
Material of cable sheath	Plastic (PUR)
Perm. ambient temperature of cable, fixed cable	-30 - 90°C
Suitable for trailing chain	Yes

Other features

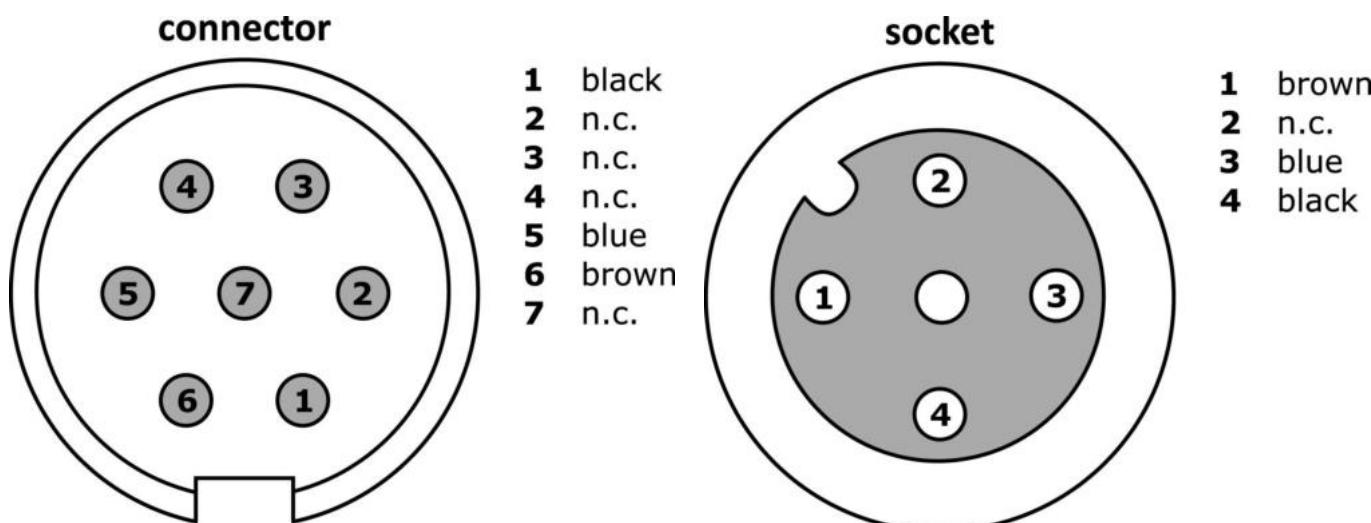
Flame retardant	No
Halogen-free	Yes
Welding area	Yes
Silicone-free	Yes
Oil and cooling lubricants	Yes
Version	Connection cable

Classification

ETIM 8	EC001855 Assembled sensor-actuator cable
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More

IPF Product Group	856 cable socket / cable connector (diverse)
packaging dimensions	220 x 160 x 30 mm
gross weight	82 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

