VK06F002

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

Line for camera lighting in flash mode to OC53 with internal flash controller, 0.6m, M8 socket 4-pin straight, M8 connector 4-pin straight, 4-wire

For flash operation on OC53 with internal flash controller

ipf cable sockets are mainly used to establish the electrical connection of sensors. Their properties are characterized by the robust design, in highest protection classes (IP67 | IP68 | IP69K) and on request with a 360° shielding. With the properties: bus-compatible, drag chain and robot-compatible, oil-resistant, chemical-resistant, welding spark-resistant, their detergent-resistant or resistance to high-pressure and steam jet cleaning, the extended temperature range up to +230°C, the quick-connection technology or special data transmission properties, the cable sockets 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	M8
Type of B electrical connection	M8
Number of pins of A connection	4
Number of pins of B connection	4
Operating voltage (AC 50Hz)	60V
Operating voltage (DC)	60V

Mechanical features

Number of cores	4
Wire assembly	42 x 0.1mm
Cable length	0.6m
Cable infeed of A connection	straight
Cable infeed of B connection	straight
Maximum tightening torque of connection A	0.6Nm
Maximum tightening torque of connection B	0.6Nm
bending cycles	5 million cycles
Torsion cycles	+/-360°/m, ≥ 2 million cycles
Material of cable sheath	Plastic (PUR)
Suitable for trailing chain	Yes

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Other features

Flame retardant	in accordance with EN 60332-2-2
Halogen-free	Yes
Hydrolysis-proof	Yes
Free of LABS	Yes
Ozone and UV-resistant	Yes
Suitable for trailing chain and torsion resistant	Yes
Welding area	Yes
Silicone-free	Yes
Oil and cooling lubricants	Yes
Version	Connection cable

Classification

ETIM 8	EC001855 Assembled sensor-actuator cable

More

IPF Product Group	914 accessories camera sensors
packaging dimensions	24 x 16.2 x 12 mm
gross weight	33 g
Customs tariff number	85444290
WEEE number	40951076
Reach-compliant	Yes
RoHS-compliant	Yes

Connection

connector

Flash mode

2k2

socket

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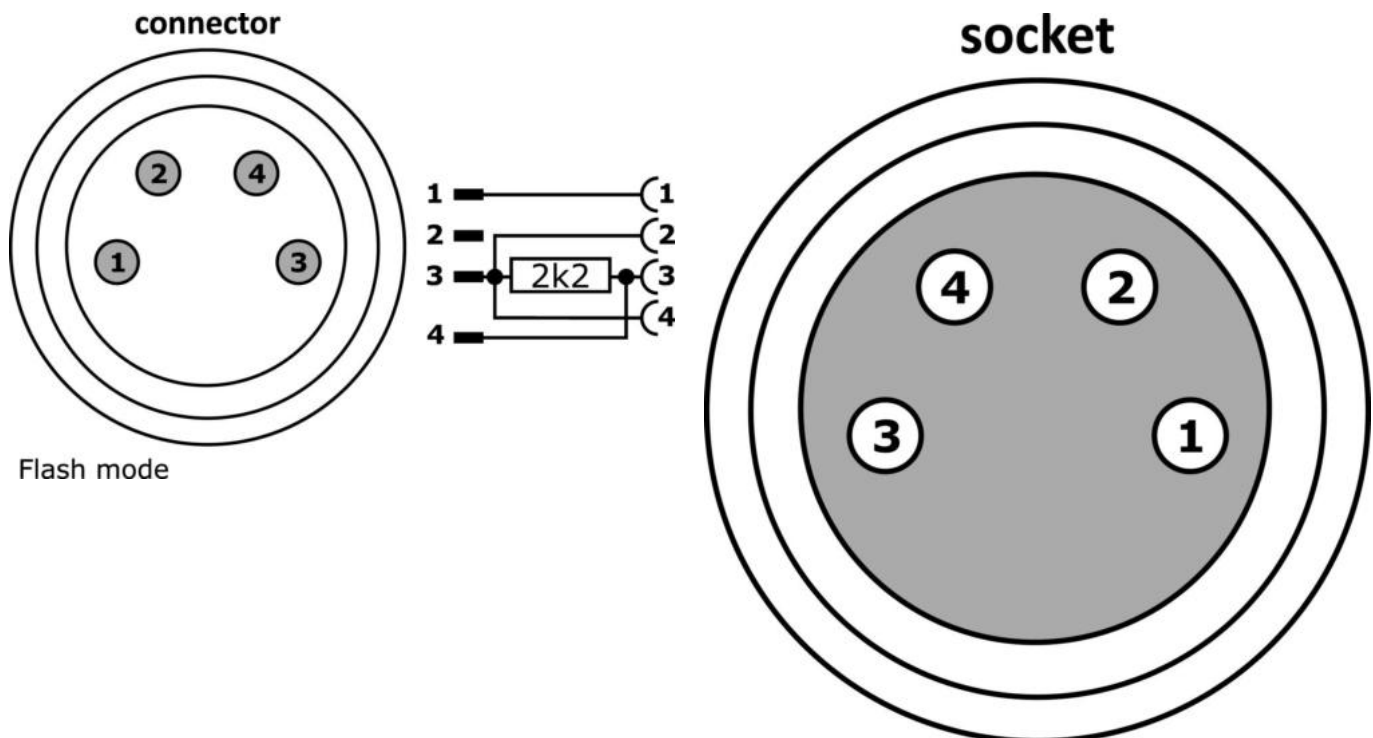
Installation

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

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