

VK030F76

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

Connection cable, 0.3m, M8 socket 3-pin straight, M8 connector 3-pin straight, 3x0.25mm², PUR (polyurethane), IP67, LED, suitable for trailing chain and torsion resistant, oils and cooling lubricants, welding area, silicone-free



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-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 rapid interconnection (technology) or special data transmission properties, the cable boxes meet all requirements of automation technology.

Electrical features

Display	LED display
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
Flow resistance	5mOhm
Line diameter	4mm
Number of pins of A connection	3
Number of pins of B connection	3
Operating voltage (DC)	30V

Mechanical features

Number of cores	3
Wire assembly	32 x 0.1mm
Conductor cross-section	0.25mm ²
Cable sheath color	black
Cable length	0.3m
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
Degree of protection (IP)	IP67
Torsion cycles	+/-360°/m, ≥ 2 million cycles
Contact coating material	Gold
Housing material	TPU
Material of cable sheath	Plastic (PUR)
Contact body material	Brass
Perm. ambient temperature of cable, fixed cable	-40 - 90°C
Perm. ambient temperature of cable, flexible cable	-25 - 60°C
Suitable for trailing chain	Yes
Ambient temperature	-30 - 90°C

Optical features

Degree of soiling	3
-------------------	---

Other features

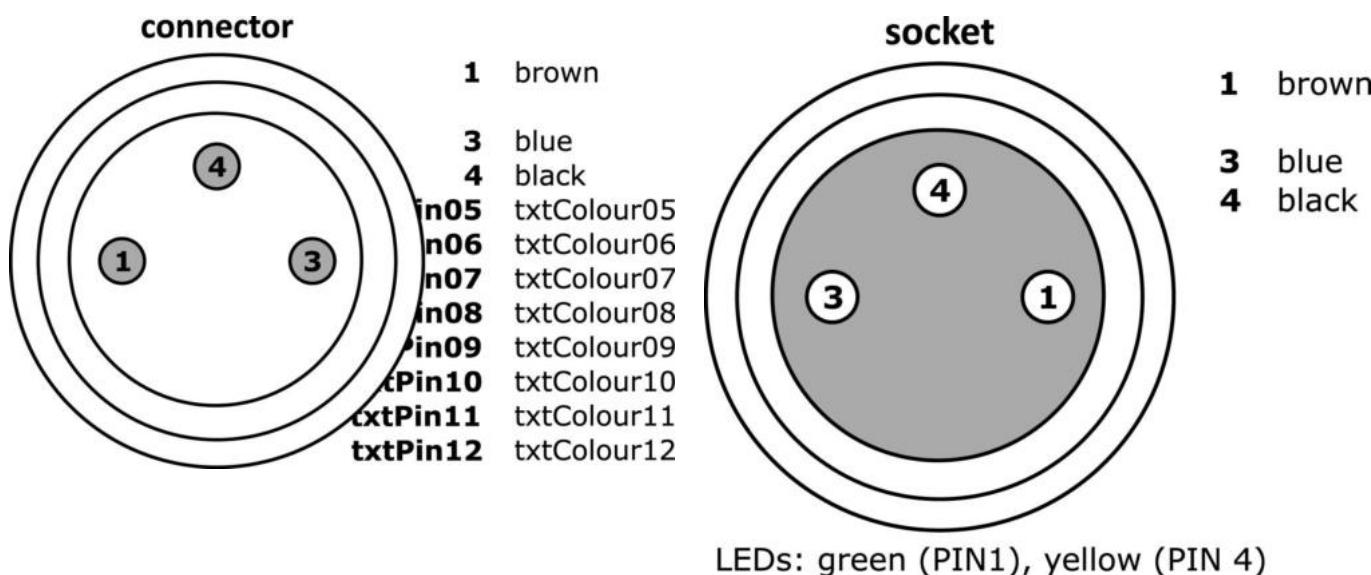
Flame retardant	in accordance with EN 60332-2-2
Halogen-free	Yes
Hydrolysis-proof	Yes
Free of LABS	Yes
Ozone and UV-resistant	Yes
Suitable for trailing chain and torsion resistant	Yes
Welding area	Yes
Silicone-free	Yes
Oil and cooling lubricants	Yes
Version	Connection cable

Classification

ETIM 8	EC001855 Assembled sensor-actuator cable
--------	--

More

IPF Product Group	851 cable sockets / connectors (both side ready made)
packaging dimensions	380 x 10 x 10 mm
gross weight	
Customs tariff number	85444290
WEEE number	40951076
OzDS-compliant	Yes
POP-compliant	Yes
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