

VKABF001

Connection technology • Cable sockets / connectors pre-assembled on one side

Connection cable, 12m, M16 socket 12-pin straight, free cable end, 12-core, PUR (polyurethane), Ø6.5mm, drag chain compatible



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

Electrical features

Type of plug-in contact, A connection	Female (socket)
Type of cable	Multi-core
Type of A electrical connection	M16
Type of B electrical connection	Free conductor end
Line diameter	6.5mm
Number of pins of A connection	12
Ampacity	3A
Operating voltage (DC)	60V

Mechanical features

Number of cores	12
Wire assembly	14 x 0.15mm
Wire cross section	mm ²
Conductor cross-section	0.25mm ²
Cable sheath color	black
Cable length	12m
Cable infeed of A connection	straight
bending cycles	≥ 2 million cycles
Degree of protection (IP)	IP67
Contact coating material	Gold
Material of cable sheath	Plastic (PUR)
Contact body material	Plastic (PBT)
Perm. ambient temperature of cable, fixed cable	-50 - 80°C
Perm. ambient temperature of cable, flexible cable	-25 - 80°C
Contact material	bronze
Ambient temperature	-25 - 70°C

Optical features

Degree of soiling	1
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Other features

Halogen-free	Yes
Ambient temperature	-25 - 70°C
Version	Connection cable

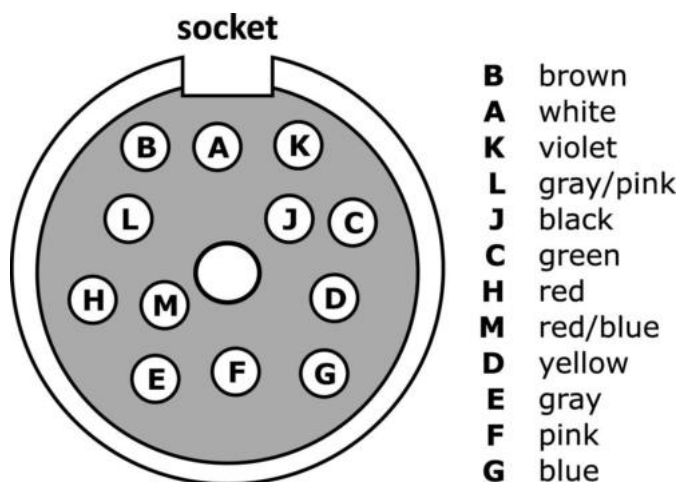
Classification

ETIM 8

More

IPF Product Group	856 cable socket / cable connector (diverse)
packaging dimensions	350 x 250 x 33 mm
gross weight	757 g
Customs tariff number	85444290
WEEE number	40951076
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.

Dimensional drawing

