

VK500K75

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

Connection cable, 5m, M8 socket 6-pin straight, free cable end, 6x0.25mm², PUR (polyurethane), Ø5mm, 30V, -25-85°C, IP67, drag chain compatible, oils and cooling lubricants, silicone-free



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 A electrical connection	M8
Type of B electrical connection	Free conductor end
Number of pins of A connection	6
Operating voltage (AC 50Hz)	30 V
Operating voltage (DC)	30 V
ardSOCA_Betriebsspannung	30VAC(50Hz) 30VDC

Mechanical features

Number of cores	6
Wire assembly	32 x 0.1mm
Conductor cross-section	0.25 mm ²
Cable length	5 m
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
Perm. ambient temperature of cable, fixed cable	-50 - 80 °C
Perm. ambient temperature of cable, flexible cable	-25 - 80 °C
Suitable for trailing chain	Yes
Material of the screw fitting	Zinc diecast, nickel-plated (n-pltd)
Contact material	Latón
Line diameter	5 mm

Optical features

Degree of soiling	3
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Other features

Halogen-free	Yes
Silicone-free	Yes
Oil and cooling lubricants	Yes

Classification

ETIM 8

More

IPF Product Group	856 cable socket / cable connector (diverse)
packaging dimensions	220 x 160 x 23 mm
gross weight	180 g
Customs tariff number	85444290
WEEE number	40951076
OzDS-compliant	Yes
Reach-compliant	Yes
RoHS-compliant	Yes

Connection

- 1** brown
- 2** white
- 3** blue
- 4** black
- 5** gray
- 6** pink

Extract accessories program**AV000116**

Labeling material, Label sleeve,
30mm long, Cable diameter 3.7-6.
2mm, Plastic, Transparent

AV000130

Tool, Wire stripper,
28x166x102mm, Skinning range
diameter 4.4-7mm, Plastic

AV000132

Tool, Wire stripper,
28x166x102mm, Skinning range
diameter 3.2-4.4mm, Plastic

AY000141

Plastic sheath, Ø17mm, Inner
diameter 10mm, -40-250°C, Glass
fiber with silicone rubber, Short-
term resistance to weld spatter
1200°C, Tensile strength 400N,
Flexible, Flame retardant, yard
good

AV000140

You can find further accessories on our homepage

**Installation**

Mounting / installation may only be carried
out by a qualified electrician!

**Disposal**

WEEE number according to § 6 para. 3
ElektroG: 40951076

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.