

VKA0L325

CONNECTION TECHNOLOGY • CABLE SOCKETS /CONNECTORS ONE-SIDED PRE-ASSEMBLED

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.



MECHANICAL DATA

Ambient temperature (MAX)	105 °C
Ambient temperature (MIN)	-40 °C
Cable length	10 m
Cable sheath color	Grey
Contact body material	CuZn
Contact coating material	Gold
Degree of protection (IP)	IP67
Increased ambient temperature > 90°C	Yes
Material of cable sheath	Other
Number of wires	4
Perm. ambient temperature of cable, fixed cable (MAX)	105 °C
Perm. ambient temperature of cable, fixed cable (MIN)	-40 °C
Perm. ambient temperature of cable, flexible cable (MAX)	105 °C
Perm. ambient temperature of cable, flexible cable (MIN)	-25 °C
Positioning of cable feed, field side	Straight
Seawater-resistant	Yes
Suitable for trailing chain	Yes
Wire assembly	42 x 0.1mm
Wire cross section	0.34 mm ²

ELECTRICAL DATA

Ampacity	4 A
Line diameter	5.1 mm
Nominal supply voltage	250 V
Number of pins	4
Rated current I _n	4 A
Rated voltage	250 V
Type of cable	Multi-core
Type of electrical connection, field side	M12
Type of electrical connection, housing side	Free conductor end
Type of plug-in contact, field side	Female (socket)

ELECTRICAL DATA

With LED display

No

OPTICAL DATA

Degree of soiling

3

OTHER DATA

Acid and alkali-resistant

Yes

Flame resistant

Yes

Free of LABS

Yes

Halogen-free

Yes

Hydrolysis-proof

Yes

Hygienic and wet area

Yes

IR-networked

No

Oil and cooling lubricants

Yes

Ozone and UV-resistant

Yes

Recyclable

Yes

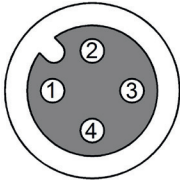
RoHs-compliant

Yes

Suitable for trailing chain and torsion resistant

Yes

CONNECTION



Colors: 1 = BN (brown), 2 = WH (white), 3 = BU (blue), 4 = BK (black)

Functions:

DIMENSIONAL DRAWING

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.