

VK50L321

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	-40 °C ... 105 °C
Cable length	5 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	TPE
Number of wires	4
Perm. ambient temperature of cable, fixed cable	-40 °C ... 105 °C
Perm. ambient temperature of cable, flexible cable	-25 °C ... 105 °C
Positioning of cable feed, field side	Angled
Seawater-resistant	Yes
Suitable for trailing chain	Yes
Wire cross section	0.34 mm ²

ELECTRICAL DATA

Ampacity	4 A
Flow resistance	5 mOhm
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 plug-in contact, field side	Female (socket)
With LED display	No

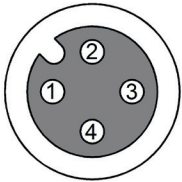
OPTICAL DATA

Degree of soiling	3
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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

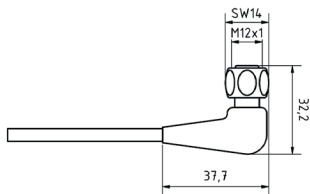
CONNECTION



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!

