

VK150F80**CONNECTION TECHNOLOGY • CABLE SOCKETS /CONNECTORS TWO-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**

Cable length	1.5 m
Degree of protection (IP)	IP67
Material of cable sheath	PUR (Polyurethane)
Number of wires	3
Perm. ambient temperature of cable, fixed cable (MAX)	80 °C
Perm. ambient temperature of cable, fixed cable (MIN)	-25 °C
Positioning of cable feed, field side	Angled
Positioning of cable feed, housing side	Straight
Suitable for trailing chain	Yes
Wire assembly	42 x 0.1mm
Wire cross section	0.34 mm ²

ELECTRICAL DATA

Number of pins	3
Rated voltage	60 V
Type of electrical connection, field side	M8
Type of electrical connection, housing side	M12
Type of plug-in contact, field side	Female (socket)
Type of plug-in contact, housing side	Male (plug)

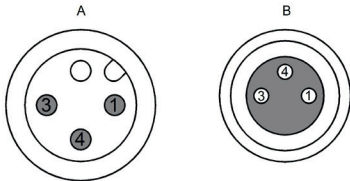
OTHER DATA

Flame resistant	In accordance with EN 60332-2-2
Free of LABS	Yes
Halogen-free	Yes
Hydrolysis-proof	Yes
IR-networked	No
Oil and cooling lubricants	Yes
Ozone and UV-resistant	Yes
RoHs-compliant	Yes
Silicone-free	Yes
Suitable for trailing chain and torsion resistant	Yes

OTHER DATA

Welding area

Yes

CONNECTION

Colors: A: 1 = BN (brown), 3 = BU (blue), 4 = BK (black)
B: 1 = BN (brown), 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.