VK50H075

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

Cable length	5 m
Contact body material	CuZn
Degree of protection (IP)	IP65
Increased ambient temperature > 90°C	Yes
Material of cable sheath	PTFE
Number of wires	3
Perm. ambient temperature of cable, fixed cable (MAX)	150 °C
Perm. ambient temperature of cable, fixed cable (MIN)	-20 °C
Positioning of cable feed, field side	Straight
Seawater-resistant	Yes
Wire assembly	7 x 0.254mm
Wire cross section	0.34 mm²

ELECTRICAL DATA

Flow resistance	5 mOhm
Line diameter	3.8 mm
Number of pins	3
Rated current In	4 A
Rated voltage	60 V
Type of electrical connection, field side	M8
Type of electrical connection, housing side	Free conductor end
Type of plug-in contact, field side	Female (socket)
With LED display	No

OTHER DATA

Acid and alkali-resistant	Yes
Flame resistant	No
Free of LABS	Yes
Hydrolysis-proof	Yes
IR-networked	No
Oil and cooling lubricants	Yes

OTHER DATA

Ozone and UV-resistant	Yes
RoHs-compliant	Yes
Suitable for trailing chain and torsion resistant	Yes
Welding area	Yes

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.

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