

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.


TECHNICAL DATA

Hygienic and wet area	NO
Oil and cooling lubricants	YES
Contact body material	CuZn
Contact coating material	Au
Degree of protection (IP)	IP67
Housing material	PBT
Increased ambient temperature > 90°C	NO
Number of wires	4
Perm. ambient temperature of cable, fixed cable (min/max)	-25 °C / 90 °C
Positioning of cable feed, field side	Angled
Seawater-resistant	NO
Suitable for trailing chain	YES
Wire cross section	0.75 mm ²
Number of pins	4
Rated current I _n	4 A
Rated voltage	240 V
Shielded	NO
Suitable for self-assembly	YES
Type of electrical connection, field side	M12
Type of plug-in contact, field side	Female (bus)
Acid and alkali-resistant	NO
Flame resistant	No
Free of LABS	NO
Halogen-free	NO
Hydrolysis-proof	NO
IR-networked	NO
Ozone and UV-resistant	NO
Recyclable	NO
RoHs-compliant	NO
Silicone-free	NO
Suitable for trailing chain and torsion resistant	NO

TECHNICAL DATA

Welding area

YES

DIMENSIONAL DRAWING

