

**cable sockets / connectors (one side ready made)**

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.

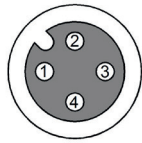
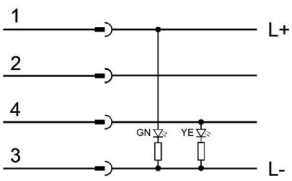

**TECHNICAL DATA**

Hygienic and wet area	NO
Oil and cooling lubricants	YES
Cable length	2 m
Degree of protection (IP)	IP67
Increased ambient temperature > 90°C	NO
Material of cable sheath	PUR (Polyurethane)
Number of wires	4
Perm. ambient temperature of cable, fixed cable (min/max)	-30 °C / 90 °C
Positioning of cable feed, field side	Angled
Positioning of cable feed, housing side	Straight
Seawater-resistant	NO
Suitable for trailing chain	YES
Wire assembly	IV000777
Wire cross section	0.34 mm <sup>2</sup>
Line diameter	4.7 mm
Number of pins	4
Rated current I <sub>n</sub>	4 A
Shielded	NO
Suitable for self-assembly	NO
Type of electrical connection, field side	M12
Type of electrical connection, housing side	Free conductor end
Type of plug-in contact, field side	Female (bus)
With LED display	YES
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

### TECHNICAL DATA

RoHs-compliant	NO
Robotics	NO
Silicone-free	NO
Suitable for trailing chain and torsion resistant	YES
Welding area	YES

### CONNECTION



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

**Functions:**

### DIMENSIONAL DRAWING

