

cable sockets / connectors (self-assembly)

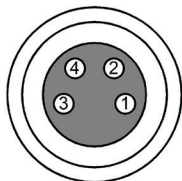
ipf cable sockets are used primarily for establishing the electrical connection of sensors. Their features are characterized by rugged design, the highest protection classes (IP67 | IP68 | IP69K) and, if desired, with 360° shielding. With the features: bus-ready, suitable for use with drag chains and 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 | Brass |
| Increased ambient temperature > 90°C | NO |
| Number of wires | 4 |
| Perm. ambient temperature of cable, fixed cable (min/max) | -40 °C / 85 °C |
| Positioning of cable feed, field side | Straight |
| Seawater-resistant | NO |
| Suitable for trailing chain | YES |
| Number of pins | 4 |
| Rated current I _n | 4 A |
| Rated voltage | 30 V |
| Shielded | NO |
| Suitable for self-assembly | YES |
| Type of electrical connection, field side | M8 |
| 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 |
| Welding area | YES |

CONNECTION



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

Functions:

DIMENSIONAL DRAWING

