

AV98C616

CONNECTION TECHNOLOGY • CONNECTORS / PLUGS

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

| | |
|-------------------------------|-------------------|
| | 1.5 mm |
| | M16 |
| Ambient temperature | -30 °C ... 90 °C |
| Contact body material | Brass |
| Contact coating material | Gold |
| Degree of protection (IP) | IP67 |
| Insulating body material | PA |
| Number of wires | 5 |
| Type of mechanical connection | Screw fitting M16 |
| With thread | Yes |

ELECTRICAL DATA

| | |
|---|-----------------|
| | 0.5 m |
| Ampacity | 4 A |
| Number of pins | 5 |
| Rated voltage | 30 V |
| Suitable for self-assembly | Yes |
| Type of electrical connection, inner side | Wire |
| Type of electrical connection, outer side | M12 |
| Type of plug-in contact, outer side | Female (socket) |
| With protective conductor | Yes |

OTHER DATA

| | |
|---------|----------|
| Version | IV000363 |
|---------|----------|

DIMENSIONAL DRAWING

INSTALLATION

DISPOSAL



Mounting / Installation may only be carried out by a qualified electrician!



SAFETY WARNINGS

Before initial operation, please make sure to follow all safety instructions that may be provided in the product information!