

Product data sheet

Miniature connectors

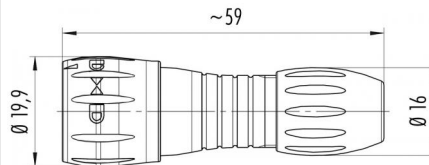


| | |
|---------------------|---|
| Product description | Bayonet NCC cable connector, Contacts: 8, 4.0 - 6.0 mm, shielding is not possible, solder, IP67 |
| Area | Bayonet NCC series 770 |
| Order number | 99 0771 001 08 |

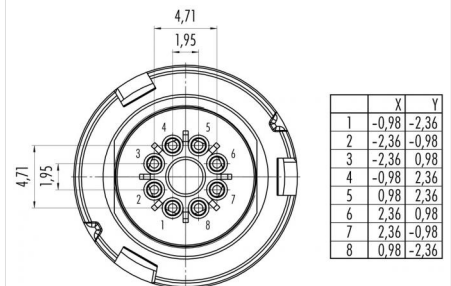
Illustration



Scale drawing



Contact arrangement (Plug-in side)



You can find the component part drawing and assembly instructions on the next page.

Technical data

General values

| | |
|--------------------------|----------------------|
| Connector design | cable connector |
| Connector locking system | Bayonet |
| Termination | solder |
| Wire gauge (mm) | 0.25 mm ² |
| Wire gauge (AWG) | 24 |
| Cable outlet | 4.0 - 6.0 mm |
| Upper limit temperature | 85 °C |
| Customs tariff number | 85369010 |
| Packaging Unit | 100 |

Electrical values

| | |
|---------------------------|---------------------------|
| Rated current (40 °C) | 2 A |
| Rated voltage | 175 V |
| Rated impulse voltage | 1750 V |
| Pollution degree | 2 |
| Overvoltage category | II |
| Insulating material group | II |
| Insulation resistance | ≥ 10 ¹⁰ Ω |
| EMC compliance | shielding is not possible |
| Degree of protection | IP67 |
| Mechanical operation | > 5000 Mating cycles |

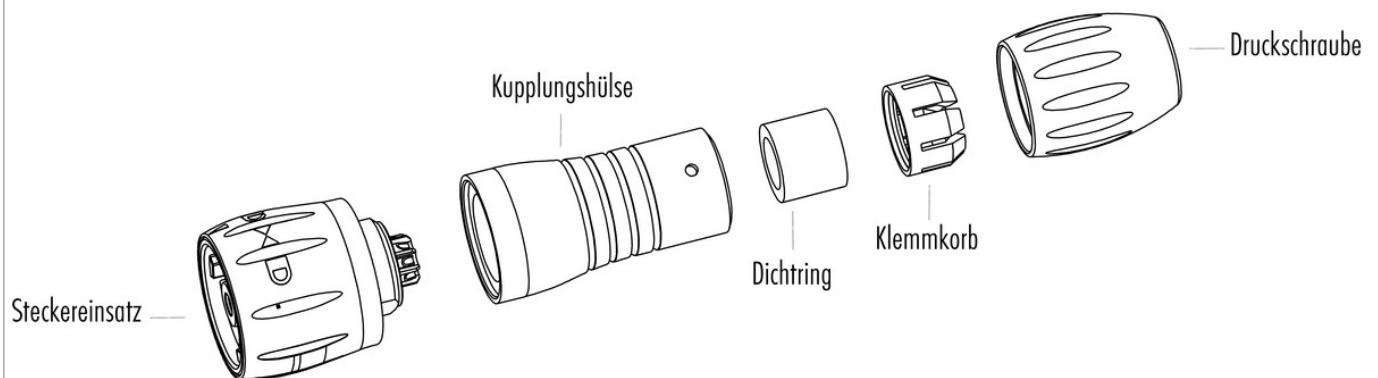
Material

| | |
|-----------------------|---|
| Contact material | CuZn (brass) |
| Contact plating | Au (gold) |
| Contact body material | PA (UL94 HB) |
| Housing material | PA |
| REACH SVHC | CAS 96-45-7 (Imidazolidine-2-thione) CAS 7439-92-1 (Lead) |

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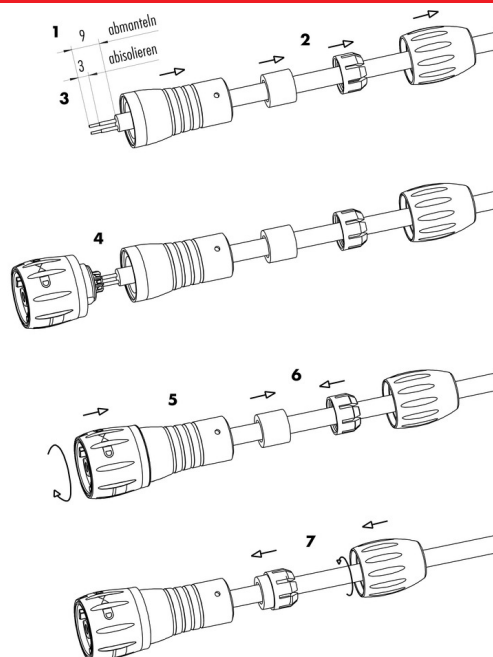
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Component part drawing



Assembly instructions / Panel cut-out

1. Abmanteln auf L = 9mm.
Ummantelung abstreifen.
2. Druckschraube, Klemmkorb, Dichtring und Abstandshülse auf Kabel aufädeln.
3. Litzen abisolieren (L = 3mm) und verzinnen.
4. Einsätze einlöten.
5. Bajonettadapter am Gewinde der Abstandshülse aufsetzen und mit leichtem Druck in Pfeilrichtung festschrauben.
6. Den Klemmkorb über den Dichtring bis auf Anschlag aufschieben.
7. Mit Druckschraube Klemmkorb, dichteinheit gegen Abstandshülse drücken und festschrauben.



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Security notices

The connector must not be connected or separated under load. Non-observance and incorrect use can result in personal injury.

The connectors are designed for use in plant, control system and electrical equipment. The end user is responsible for checking whether the connectors are suitable for use in other applications.

Connectors used in electrical circuits containing hazardous life parts must only be assembled and used by or under the supervision of persons with the requisite electrotechnical training, taking the applicable regulations and standards into account.

Connectors with degree of protection IP 67 and IP 68 are not suitable for use under water. When used outdoors, the connectors must be separately protected against corrosion. For further information about IP degrees of protection refer to 'Technical support' in the Download Centre.