

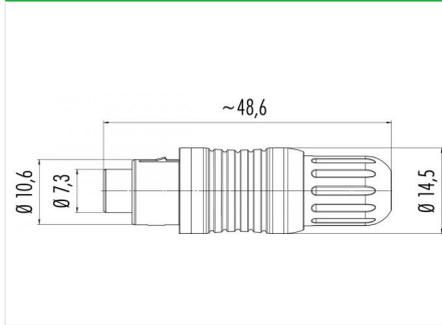
Product description **Push-Pull cable connector, Contacts: 5, 3.5 - 5.0 mm, shieldable, solder, IP67**

Area **Push-Pull series 430**  
Order number **99 4913 00 05**

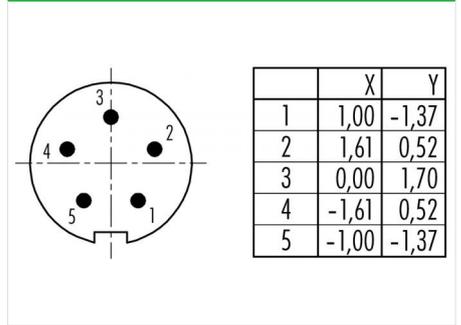
### Illustration



### 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 | Push-Pull                 |
| Termination              | solder                    |
| Wire gauge (mm)          | max. 0.25 mm <sup>2</sup> |
| Wire gauge (AWG)         | max. 24                   |
| Cable outlet             | 3.5 - 5.0 mm              |
| Upper limit temperature  | 85 °C                     |
| Lower limit temperature  | - 40 °C                   |
| Customs tariff number    | 85369010                  |
| Packaging Unit           | 50                        |

### Electrical values

|                           |                     |
|---------------------------|---------------------|
| Rated current (40 °C)     | 3 A                 |
| Rated voltage             | 125 V               |
| Rated impulse voltage     | 1500 V              |
| Pollution degree          | 2                   |
| Overvoltage category      | I                   |
| Insulating material group | II                  |
| EMC compliance            | shieldable          |
| Degree of protection      | IP67                |
| Mechanical operation      | > 500 Mating cycles |

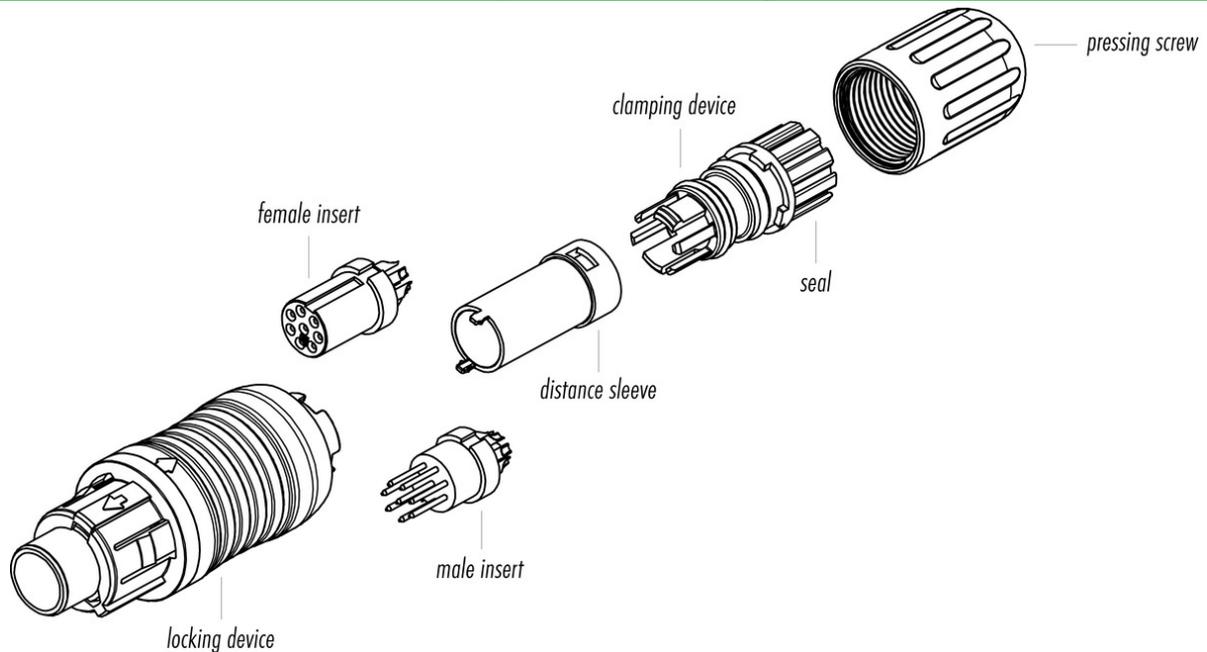
### Material

|                       |                             |
|-----------------------|-----------------------------|
| Contact material      | CuZn (brass)                |
| Contact plating       | Au (gold)                   |
| Contact body material | PUR/PA                      |
| Housing material      | PA                          |
| Locking material      | CuZn (Brass nicke,l plated) |
| REACH SVHC            | CAS 7439-92-1 (Lead)        |

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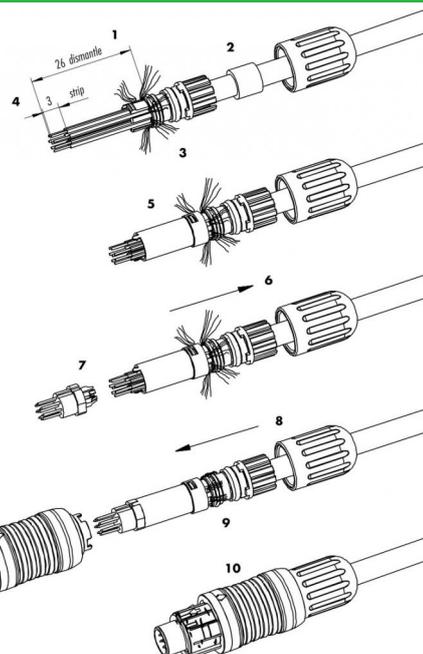
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### Component part drawing



### Assembly instructions / Panel cut-out

1. Strip to 26mm length but do not take off cable jacket.
2. Bead pressing screw and clamp device to cable. Mount sealing ring to clamp device. Remove cable jacket.
3. Fan out and comb shielding braid.
4. Strip the insulation off the wires and tin them.
5. Snap in distance sleeve and clamp device.
6. Solder wires to solder cups.
7. Stick distance sleeve to sleeve.
8. Push forward and snap in clamp device. Mount shielding braid around the crown.
9. Strip off and shorten shielding braid in the direction of the shielding ring.  
*too long: shielding braid on sealing ring - unright*  
*too short: no contact to wave washer*
10. Stick assembled unit into carrier sleeve and tighten pressing screw.



|                     |   |
|---------------------|---|
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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.