

# Product data sheet

## Subminiature connectors

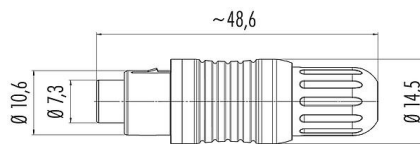


|                     |  |
|---------------------|--|
| Product description | <b>Push-Pull Male cable connector, Contacts: 7, 3.5-5.0 mm, shieldable, solder, IP67</b> |
| Area                | <b>Push-Pull series 430</b>  |
| Part no.            | <b>99 4925 00 07</b>   |

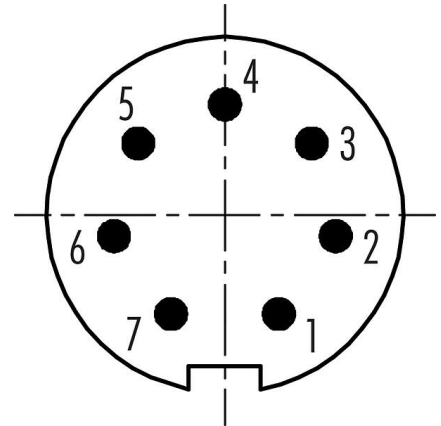
### Illustration



### Scale drawing



### Contact arrangement (Plug-in side)



You can find the assembly instructions on the next page.

### Technical data

#### General features

|                           |                                    |
|---------------------------|------------------------------------|
| Part no.                  | <b>99 4925 00 07</b>               |
| Connector design          | Male cable connector               |
| Version                   | Connector pin straight             |
| Connector locking system  | Push-Pull                          |
| Termination               | solder                             |
| Degree of protection      | IP67                               |
| Cross-sectional area      | max. 0.14 mm <sup>2</sup> / AWG 26 |
| Cable outlet              | 3.5-5.0 mm                         |
| Temperature range from/to | -40 °C / 85 °C                     |
| Mechanical operation      | > 500 Mating cycles                |
| Weight (g)                | 8.76                               |
| Customs tariff number     | 85369010                           |

#### Electrical parameters

|                           |                 |
|---------------------------|-----------------|
| Rated voltage             | 125 V           |
| Rated impulse voltage     | 1500 V          |
| Rated current (40 °C)     | 1.0 A           |
| Pollution degree          | 2               |
| Overvoltage category      | I               |
| Insulating material group | II              |
| EMC compliance            | shieldable      |
| Shield connection         | Shield clamping |

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### Material

|                       |                                      |
|-----------------------|--------------------------------------|
| Housing material      | PA                                   |
| Contact body material | PUR/PA                               |
| Contact material      | CuZn (brass)                         |
| Contact plating       | Au (gold)                            |
| Locking material      | CuZn (brass)                         |
| REACH SVHC            | CAS 7439-92-1 (Lead)                 |
| SCIP number           | e3c75ec8-3491-4a57-8b7a-21301891141a |

### Classifications

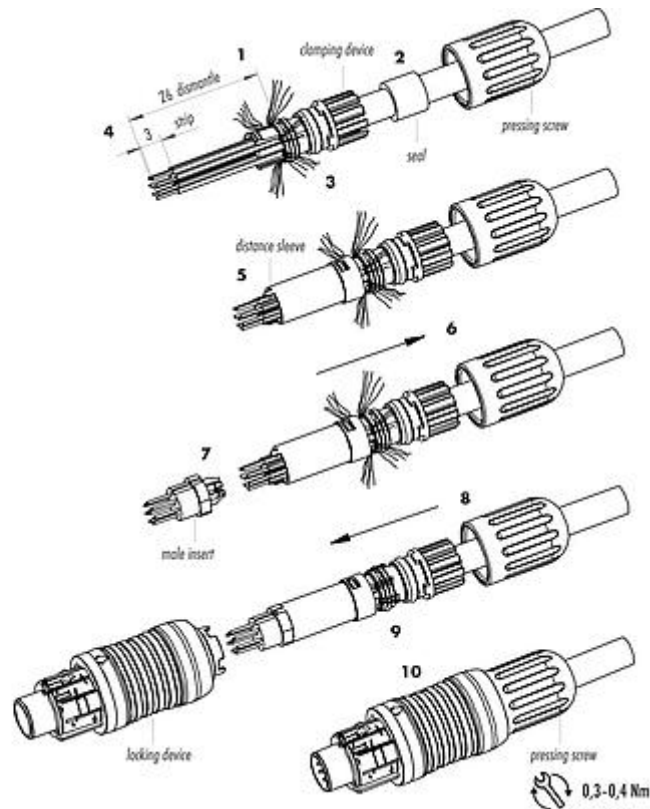
|             |             |
|-------------|-------------|
| eCl@ss 11.1 | 27-44-01-02 |
| ETIM 7.0    | EC002635    |

### Declarations of conformity

|                       |  |
|-----------------------|--|
| Low Voltage Directive | 2014/35/EU (EN 60204-1:2018;EN 60529:1991) |
|-----------------------|--|

### Assembly instructions

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 - untight, too short: no contact to wave washer.
10. Insert assembled unit into carrier sleeve. Note the position of the coding nose.
11. Put on and tighten pressing screw.



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### General Disclaim Notice

The connector must not be plugged or unplugged under load. Non-observance and improper use can result in personal injury.

The connectors have been developed for applications in plant engineering, control and electrical equipment construction. The user is responsible for checking whether the connectors can also be used in other areas of application.

Connectors which are used in circuits with voltages dangerous to the touch may only be installed and used by, or under the supervision of, persons with electrical engineering training, taking into account the applicable regulations and standards.

Plug connectors with enclosure protection IP67 and IP68 are not suitable for use under water. When used outdoors, the plug connectors must be protected separately against corrosion. For further information on the IP protection classes, please refer to the "Technical Information" download centre.