

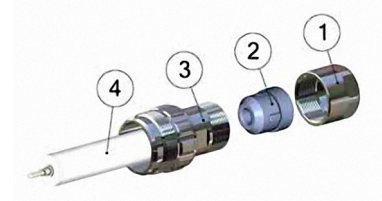
ASSEMBLY INSTRUCTIONS - PLUG

1.



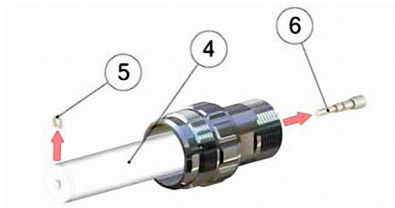
Part as delivered.

2.



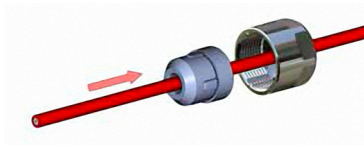
Components:
cap (1), sealing insert (2), housing (3), insulation part (4).

3.



Remove snap ring (5) and take out male contact (6) from insulation part (4).

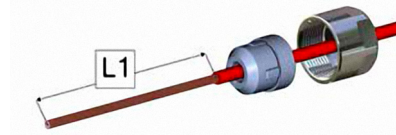
4.



Place cap (1) and sealing insert (2) on cable.

⚠ Respect correct order of parts (see picture).

5.

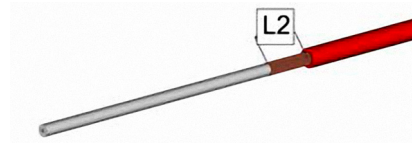


Remove cable jacket.

⚠ Do not damage the shield wires. Do not damage the dielectric insulation.

Models	min. L1 (mm)
HC7M-10A/B	52
HC7M-20A/B, -P	72
HC7M-30A/B	92
HC7M-50A/B	142
HC7M-60A/B	224
HC7M-100A/B	377

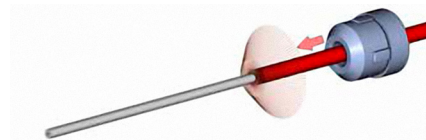
6.



Cut shield braid roughly about 30mm (L2).

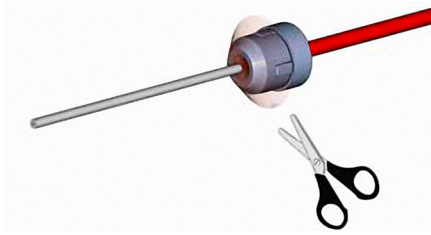
⚠ Carefully remove loose shield wires completely. Loose shield wires can cause electrical breakdown.

7.



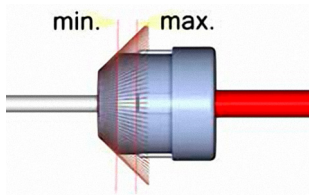
Completely widen shield braid. Push seal insert (2) under shield braid.

8.



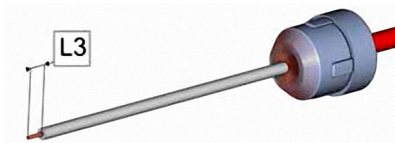
Cut shield braid to final length as defined in step 9.

9.



Cut between min. and max. for the best shield support and impermeableness.

10.

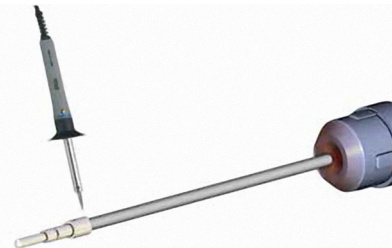


Remove dielectric insulation.

Models	min. L3 (mm)
HC7M-xx A	5
HC7M-xx B, B-P	8

⚠ Do not damage the conductor!

11.



Solder contact (6) on conductor.

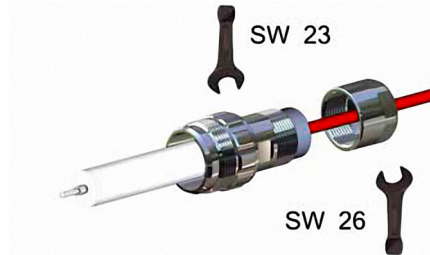
⚠ Tin-solder must not remain on contact surface.

12.



Completely insert cable in insulation part (4) until seal insert (2) plugs in housing (3).

13.



Screw cap (1) onto housing (3).

⚠ Wrench size housing: 23, Wrench size cap: 26, tightening torque 10 Nm.

14.



Secure male contact (6) with snap ring (5).

15.



Finished assembly.

Disclaimer

The information given in this data sheet is technical data, not assured product characteristics. It has been carefully checked and is believed to be accurate; however, no responsibility is assumed for inaccuracies. The user has to ensure by adequate tests that the product is suitable for his application regarding safety and technical aspects. hivolt.de GmbH & Co. KG does not assume any liability arising out of the application or use of any product described.

Safety Advice

Design, installation and inspection of machinery and devices carrying high voltage require accordingly trained and qualified personnel. Appropriate safety rules and directives must be complied with. Improper handling of high voltage can mean severe injuries or death and may cause serious collateral damage.