

Assembly Instructions M8117-EN

Spare part drive cooling valve 2 (O/ID T24639-X)

Purpose

Replacement of cooling valve 2 (M 4)

Precondition



WARNING!

Danger for unauthorized persons!

Conversion work may only be carried out by specialist staff who have been trained accordingly.

Therefore:

- Keep unauthorized persons away from the work area.



NOTE!

Knowledge of the Instruction Manual is a precondition for carrying out conversion work on the unit.

Procedure



DANGER!

Danger to life caused by electric current!

Touching conductive parts causes a direct danger to life.

Therefore:

- For all work on the electrical system, for maintenance, cleaning or repair work, disconnect from the mains or disconnect all phases of the external power supply and secure them against being switched on again. Check unit is isolated from power supply.




WARNING!


Danger of crushing due to rolling away or tipping

With an uneven floor or when the castors are not locked, there is a danger that the unit tips over or rolls away causing crushing.

Therefore:

- Only install the unit on an even floor.
- Ensure that the castors are locked.

1. Proceed as follows in order to cool down the unit.
 - Display menu page **Functions**.
 - Select the function **Cooling** and activate with the  key.

→ The activated function is indicated with the  symbol.
2. Main switch off, remove the plug from the mains.
3. Remove the cover from the unit (see Instruction Manual Chapter Maintenance).
4. Proceed as follows in order to replace the drive:
 - Unplug the cable at the cooling valve 2 (M 4).
 - Loosen the screws fixing the multiphase motor on the proportional module (2.1).
 - Turn the multiphase motor, slightly extract and move out of connection.
 - Engage the new multiphase motor, turn into final position and fix with the two screws.
 - Plug the cable on the cooling valve 2.
5. Reconnect mains plug and switch on main switch.
6. Proceed as follows in order to check the service function of cooling valve 2 (M 4):
 - Readjust the parameter **Positioning KV 2** in menu **Service \ Support**.
(0 → valve closed; 295 → valve opened)

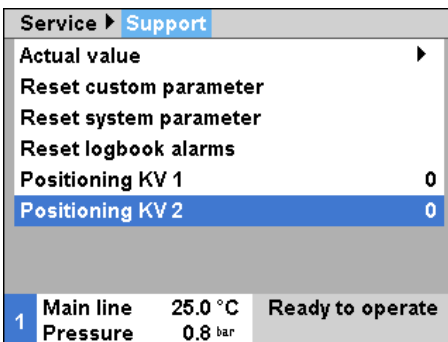




Fig. 1: Positioning cooling valve 2



NOTICE!

The user profile must be set to support in order to access the parameter (→ Operating instructions: chapter Operation).

7. Switch the unit on with the  key.
8. Check unit functions.
9. Switch the unit off by press the  key.
10. Main switch off.
11. Close the unit correctly again.

Parts list

Pos	Description	O/ID	Pcs
01	Linear step motor with bracket	T23860	1
02	Screw M4x8 Torx	B3061616	2
03	Assembly instructions German	M8117-DE	1
04	Assembly instructions English	M8117-EN	1
05	Assembly instructions French	M8117-FR	1