

MI_2216 MI_2216: Modification instruction CareControl SG pump



20-1/1; 20-2/1



60 min



Standard



18/06/2025

Topic

This modification instruction describes the modification and replacement of the CareControl pump on floor units from the SelfCookingCenter® series.

Affected product/accessories

SelfCookingCenter®:

- Energy type: Electric and gas
- Unit size: 20-1/1; 20-2/1

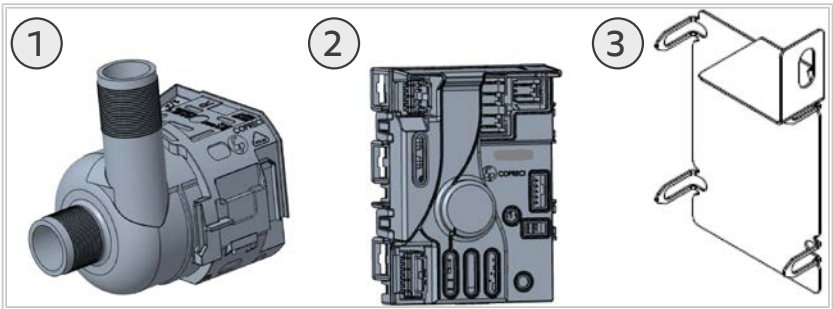
Required tool

Standard

Affected components

The article number 87.01.956S contains the following components:

Article number	Component
56.01.951 (1)	Care product pump 61-202 01/23 (1x)
40.07.630 (2)	Activation electronics with housing 01/23 (1x)
40.07.756	Cable: Care pump f. KD 61-202 (1x)
56.01.852 (3)	Bracket electronics Care pump SG KD 01/23 (1x)
40.07.972	Connection terminal WAGO 221 5pin 4 mm (1x)
4005.0101	Cable tie 145 mm/3.4 (2x)
40.07.975	Cable W89: Earthing tap (1x)
2066.0506	Hose clamp 20-32x9 mm size 7 mm (2x)



General information

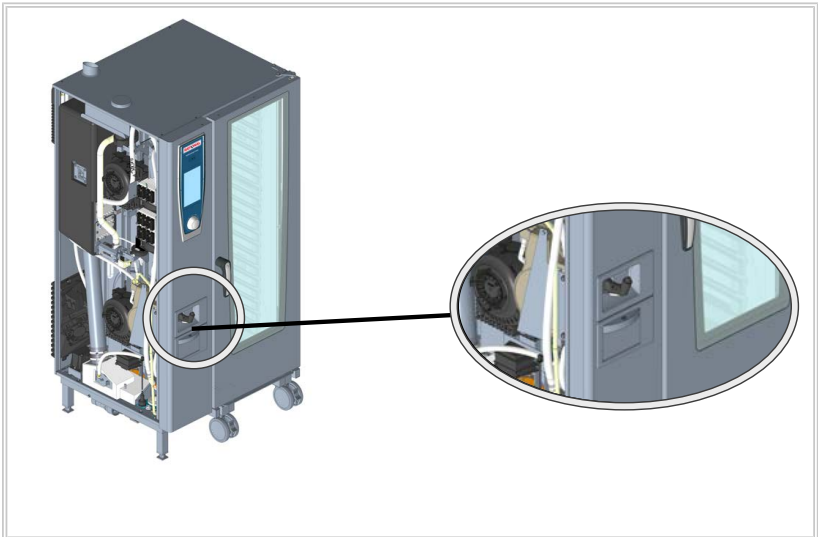
NOTICE

Enter the installation of the component on the service level ("Component replacement" tab). This is an integral part of the maintenance history.

Target group

- This document is intended for skilled technicians, who have been certified by the manufacturer after attending training and safety instructions.
- Installation, inspection, maintenance, and repair work must only be carried out by trained technicians.
- It is recommended that only technicians authorised by the manufacturer perform inspection, maintenance and repair work.
- The unit may not be used, cleaned, or maintained by children. The unit may not be used for play. This is prohibited even under supervision.
- The unit may not be used, cleaned, or maintained by people with limited physical, sensory, or mental capacity or those without the necessary experience or knowledge, unless such people are supervised by a person who is responsible for their safety and who has been informed of the hazards of the unit.
- In order to prevent accidents or damage, the manufacturer recommends that technicians attend training and safety instructions.

Installation position



Safety instructions

DANGER

High voltages when connecting to the mains power

Danger to life due to high voltage.

- Disconnect from the power supply.
- Secure against unintentional switching on.
- Make sure the cooking system is disconnected from the power.

CAUTION

Sharp edges on the housing

Risk of cuts on the housing when working in the electrical compartment.
Wear protective gloves.

CAUTION

Risk of crushing due to the weight of the unit

Hands, fingers and feet can be crushed.

- Use appropriate protective clothing during transport.
- Use lifting aids if possible, e.g. a carrying strap.

Revision Log

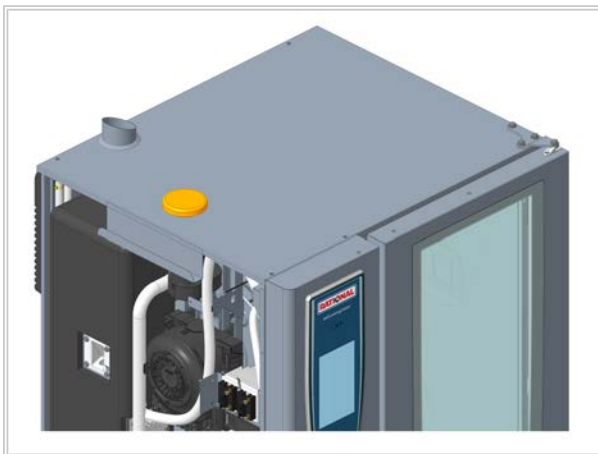
Changes from previous version of this manual:

- Graphs and tables have been added for:
SW1
CombiMaster and SelfCookingCenter
CombiMaster Plus & SCC

Work steps

- ✓ The unit is switched off and voltage-free.
- ✓ The electrical compartment is open.

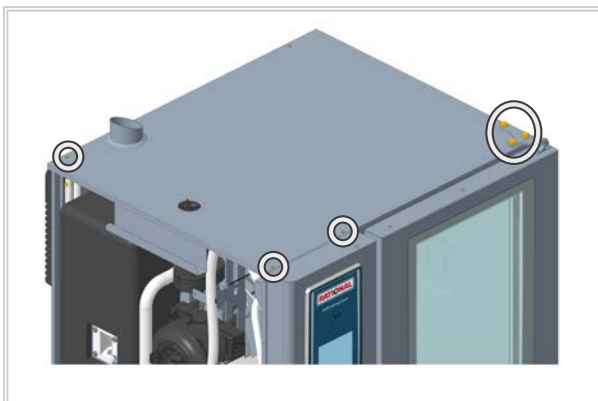
1. Remove the cover on the unit top cover.



2. Remove the screws on the unit top cover. Loosen the screws on the door retaining plate.

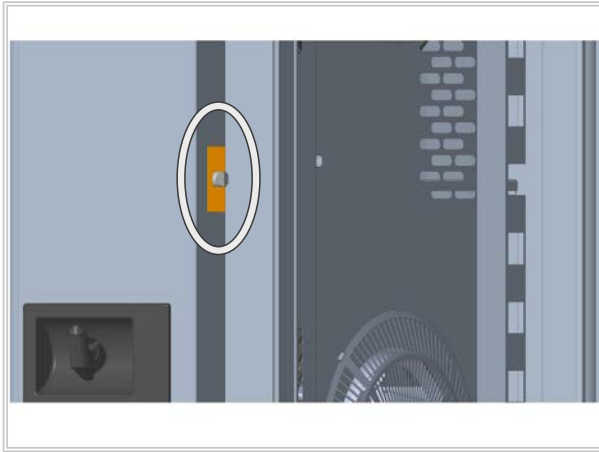
NOTICE

The screws of the door retaining plate must not be completely removed.

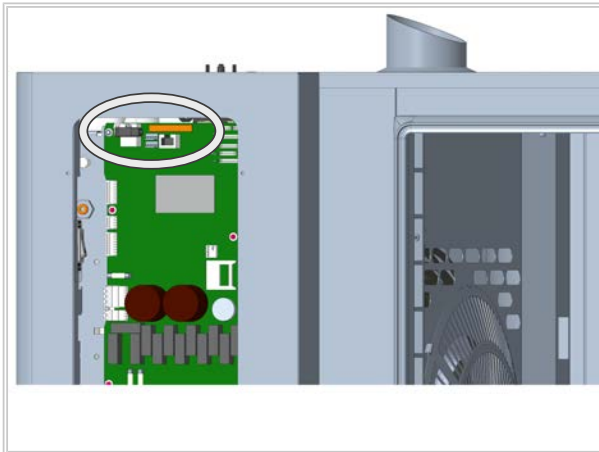


3. Lift the unit top cover.
 - > The unit top cover can be raised by 2 cm [3/4 inch].

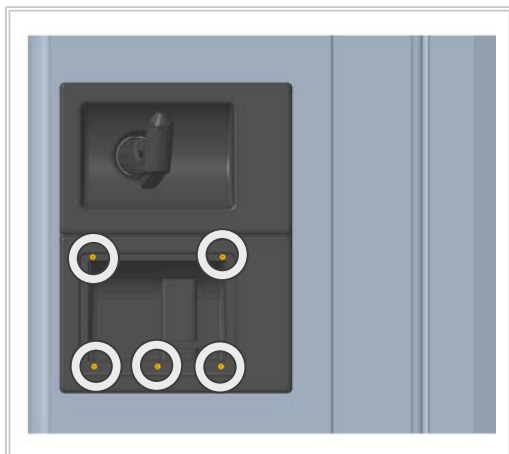
4. Remove the cover for door catch.



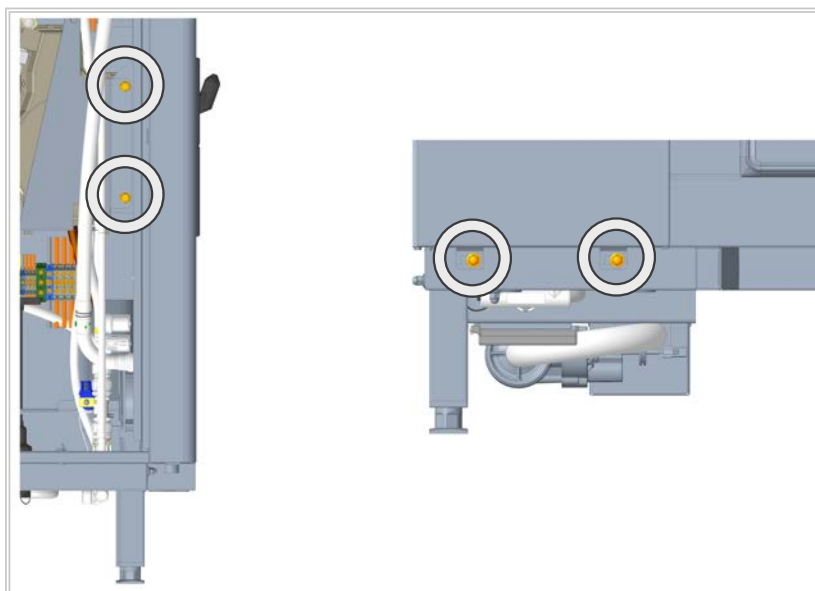
5. Open the control panel.
 - > Disconnect the control panel.



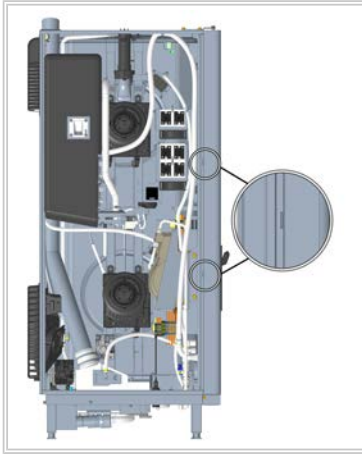
6. Remove the care product flap and remove the screws.



7. Loosen the fastening screws on the front panel.



8. Lift the front panel out of the mounting hook.

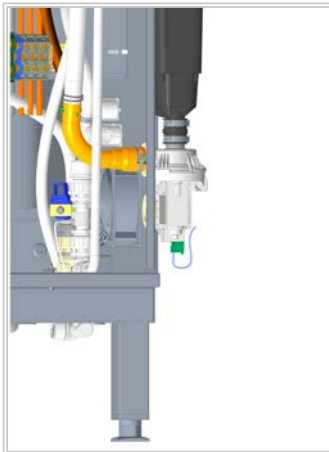


9. Remove the front panel.

NOTICE

Make sure that the hose reel rolls up.

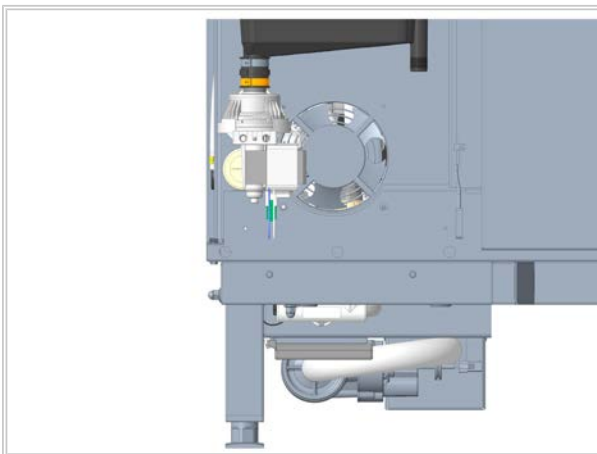
10. Disconnect the care product hose from the pump for CareControl.



11. Remove the CareControl pump from the care product container.

NOTICE

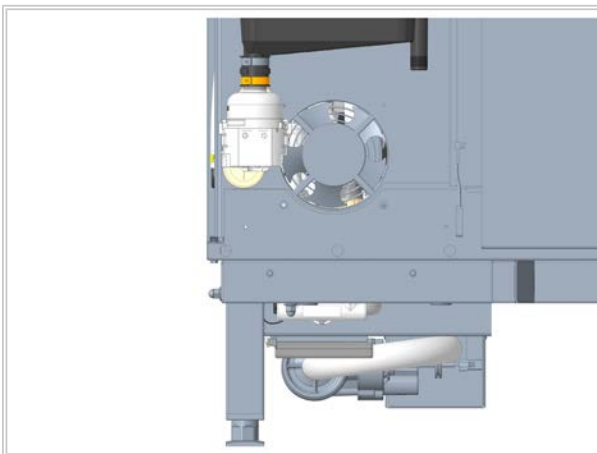
Watch out for any residual water in the CareControl pump or the care product container. Always observe the information on cleaning chemicals.



12. Install the new CareControl pump and reconnect the care product hose. Connect the power supply plug.

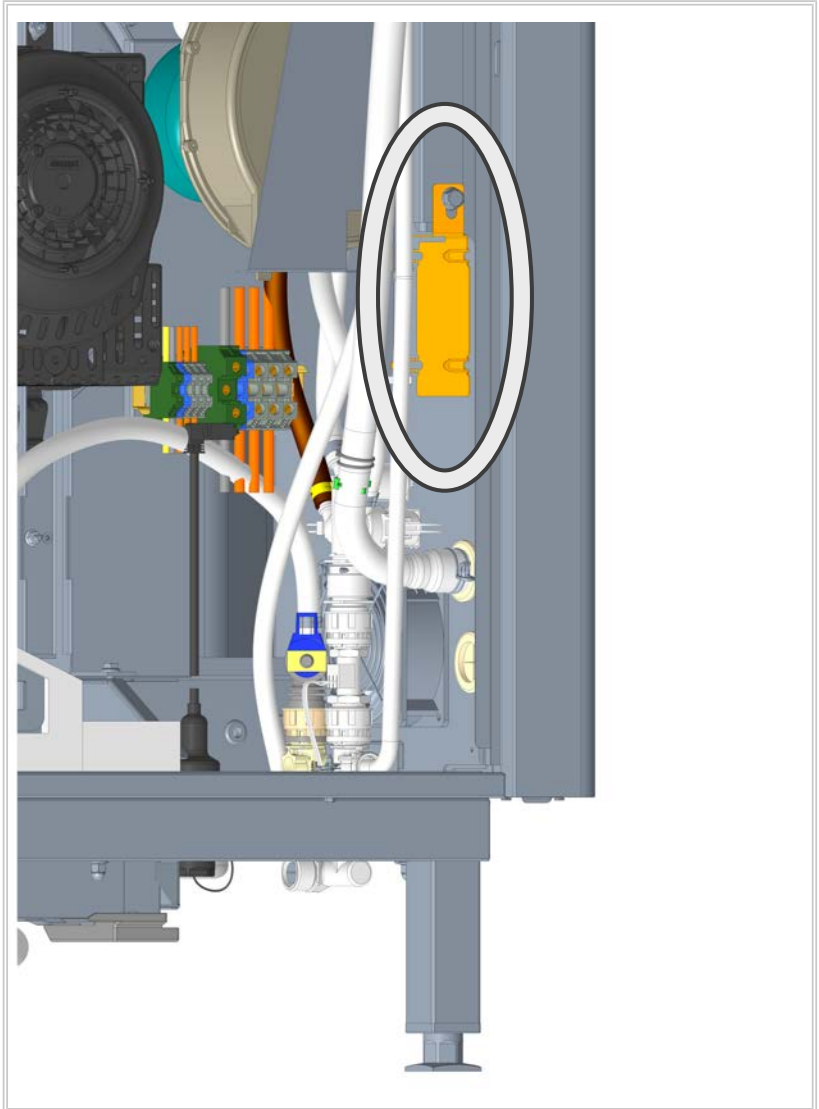
NOTICE

Use the new hose clamps supplied.



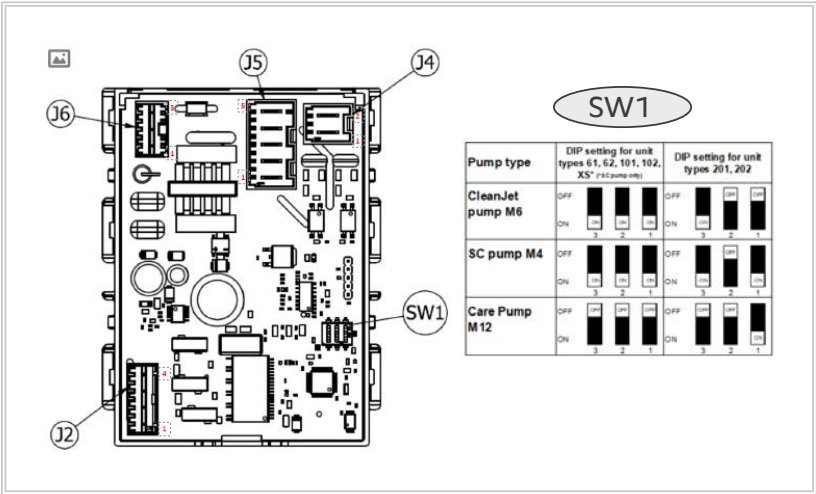
13. For installation:
Follow steps 1 to 9 in reverse order.

14. Screw on the pump electronics holder.

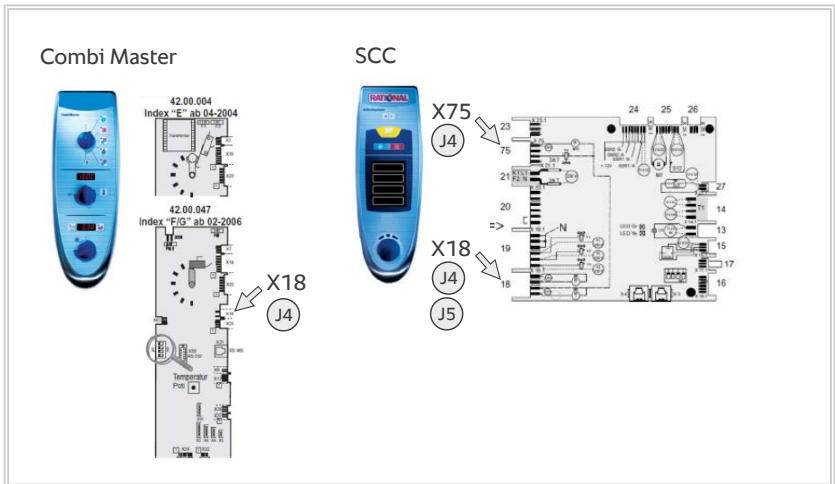


15. Connect and install the pump electronics:
- (1) Pump and control board connection (bottom left)
 - (2) Plug from the cable harness (old pump plug) bridge plug between top left

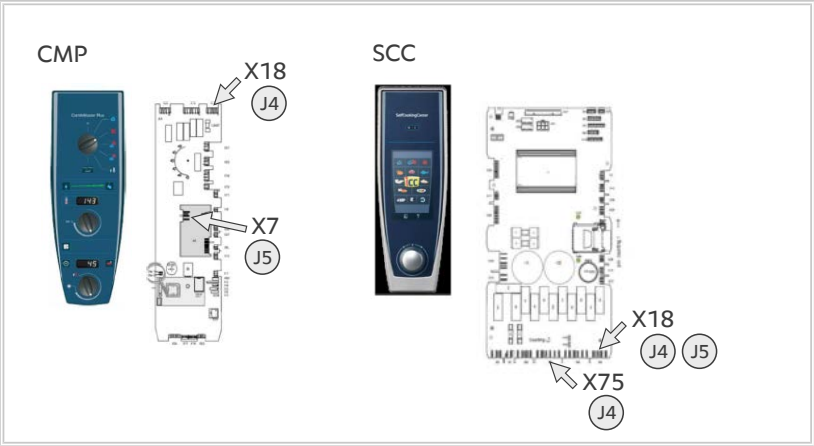
and top right.
(3) Establish earthing on the unit with the WAGO connection terminal and the earthing lug.



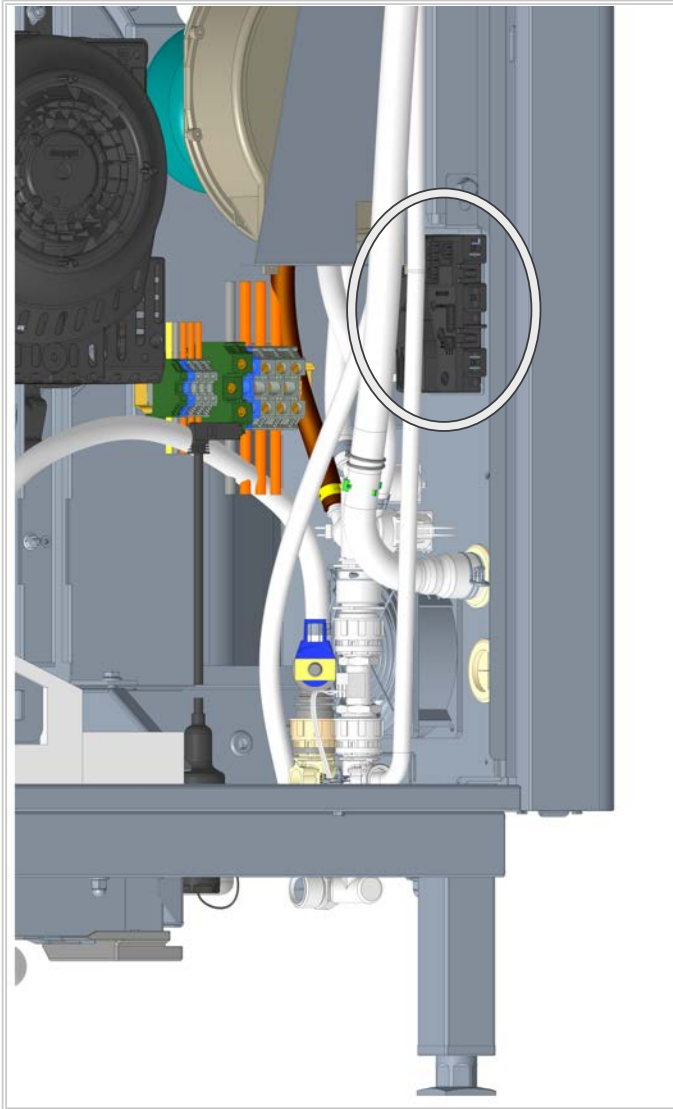
J6	Power supply (200-240 Vac / 50-60 Hz / 0.4 A) J6.1: L J6.2: N J6.3: Earth
J5	Recirculation pump ON switch J5.1: L1 J5.2: N J5.3: No connection J5.4: No connection J5.5: Earth
J4	SC/Care pump ON switch
J2	Motor output J2.1: Earth J2.2: Motor output – W phase J2.3: Motor output – U phase J2.4: Motor output – V phase



Combi Master		SCC	
J4	X18 SC – Pump M4	J4	X75 – Care Pump (only Index E) M12 X18 (1-2) - SC - Pump M4
		J5	X18 (4-3) - Cleanjet Pump M6



CMP		SCC	
J4	X18 (1-2) - SC Pump M4	J4	X18 (1-2) - SC Pump M4 / X75 (2-5) Care Pump M12
J5	X7 (2-3) - Cleanjet Pump M6 Index I	J5	X18 (4-3) - Cleanjet Pump M6



NOTICE

**All cables are poka yoke.
The DIP switches must be set for each specific unit.**

The modification is complete.
Check the function of the pump in a function test.

