



## Instructions for fitting float switch retrofit kit CNP\_ (Order No. 1022115)

Connection for level warning indicator

Supplied with:

- 1 cable gland
- 1 nut
- 1 connector
- 1 Torx spanner, TX9

A contact or an electronic switch for signalling low liquid levels in the supply tank can be connected to the two-core cable. If the contact is made (liquid level low) the pump stops after 2 s and the error/operating indicator changes from green to red. If the contact is broken (liquid level OK) the pump restarts after 2 s and the error/operating indicator changes from red to green.

Installation, electric:



### **WARNING**

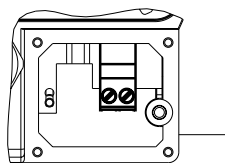
- Retrofit kit must be installed by trained and authorised personnel!
- Disconnect the pump from the mains power supply and prevent from being switched on again!



### **IMPORTANT**

- Keep this sheet with the operating instructions for the pump!
- It is now part of the operating instructions!

- ▶ Mark the breakout opening on the front of the pump, bottom right of the cover.
- ▶ Unscrew the cover.
- ▶ Break out the marked opening using a punch.
- ▶ Push the nut into the recess in the cover and screw the lower part of the cable gland until watertight.
- ▶ Thread the suction lance cable through the cable gland.
- ▶ Connect the connector to the cable (the cable polarity is arbitrary).
- ▶ Push connector into the right-hand circuit board recess in the pump (see illustration).
- ▶ Screw the cover back onto the pump.
- ▶ Tighten the cable gland and pull cable outwards once.
- ▶ Screw the cable gland tight.



View of connector inserted in the opened pump

### Technical data

Voltage, contacts open:	5 V DC $\pm$ 0.5 V
Input resistance:	12 k $\pm$ 0.5 k
Short-circuit current:	0.5 mA $\pm$ 0.05 mA
Maximum level for "0"-signal:	1.0 V
Minimum level for "1"-signal:	3.5 V
Reaction time:	2 s

Contact made (liquid level low):	Pump stops
Contact broken (liquid level OK):	Pump starts again

Subject to technical changes.