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](image)

Technical data

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage, contacts open</td>
<td>5 V DC ± 0.5 V</td>
</tr>
<tr>
<td>Input resistance</td>
<td>12 k ± 0.5 k</td>
</tr>
<tr>
<td>Short-circuit current</td>
<td>0.5 mA ± 0.05 mA</td>
</tr>
<tr>
<td>Maximum level for &quot;0&quot;-signal</td>
<td>1.0 V</td>
</tr>
<tr>
<td>Minimum level for &quot;1&quot;-signal</td>
<td>3.5 V</td>
</tr>
<tr>
<td>Reaction time</td>
<td>2 s</td>
</tr>
</tbody>
</table>

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

Subject to technical changes.