1. Remove the terminal cover

Fig. 1  Access to signal terminals

2. Set dip switch A54 to the "I" position

Fig. 1  Setting contact A54 to current signal "I"

3. Connect power supply

Fig. 2  CU331SP wiring diagram

<table>
<thead>
<tr>
<th>Terminal</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>91 (L1)</td>
<td>Single-phase supply</td>
</tr>
<tr>
<td>92 (L2)</td>
<td></td>
</tr>
<tr>
<td>95/99 (PE)</td>
<td>Ground connection</td>
</tr>
</tbody>
</table>

4. Motor connection
1. Connect the ground wire to terminal 99 (PE).
2. Connect the motor leads to the terminals 96(U), 97(V), 98(W).

Fig. 3  Motor connection

5. Plug in the terminal strips and attach pressure sensor

Fig. 4  Signal terminals.

Fig. 5  Press screwdriver blade in slot to open terminal jaws

Fig. 6  Jumper pins 18 and 20

Fig. 7  Groundwater pressure sensor

Terminal #  

- Brown (+24v)  12
- Black (signal)  54

Fig. 8  Ground sensor cable shield as shown
6. Complete programming

START-UP GUIDE

1/11

Language

English US

2/11

Supply voltage

120V

3/11-7/11

Automatic or manual setting of the direction of rotation

8/11

Setpoint

700 psi

9/11-10/11

Automatic setting of Stop and Dry-run functions

11/11

General settings: Setup is now complete. Press OK to continue.

1. Choose desired language

2. Select supply voltage

3. Reverse rotation test-follow instructions

8. Enter setpoint pressure

11. Finished!

7. Keypad overview

Fig. 9 Control panel of the CU331SP

<table>
<thead>
<tr>
<th>Button</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>On/Off</td>
<td>Makes the pump ready for operation/starts and stops the pump.</td>
</tr>
<tr>
<td>OK</td>
<td>Saves changed values, resets alarms and expands the value field.</td>
</tr>
<tr>
<td>+</td>
<td>Changes values in the value field.</td>
</tr>
</tbody>
</table>

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