

1. Remove the terminal cover

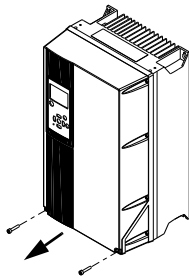


Fig. 1 Access to signal terminals

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

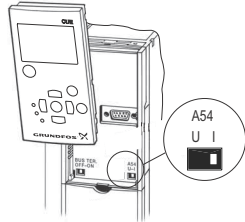


Fig. 1 Setting contact A54 to current signal "I"

3. Connect power supply

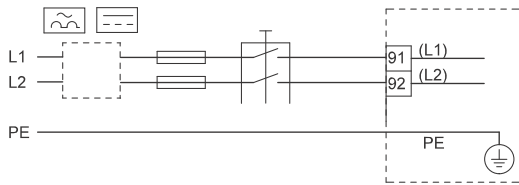


Fig. 2 CU331SP wiring diagram

Terminal	Function
91 (L1)	Single-phase supply
92 (L2)	
95/99 (PE)	Ground connection

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).

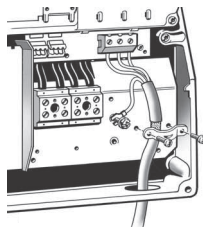


Fig. 3 Motor connection

5. Plug in the terminal strips and attach pressure sensor

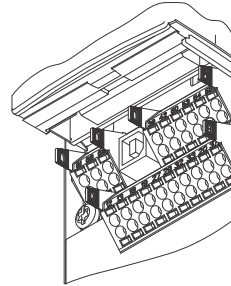


Fig. 4 Signal terminals.

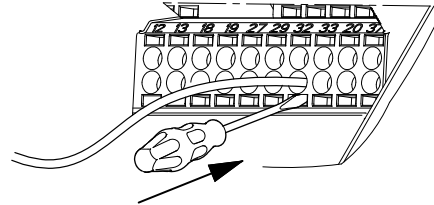


Fig. 5 Press screwdriver blade in slot to open terminal jaws

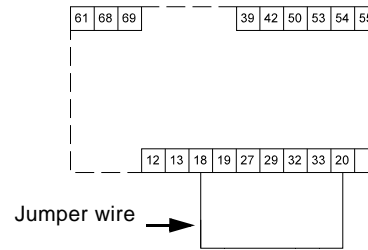


Fig. 6 Jumper pins 18 and 20

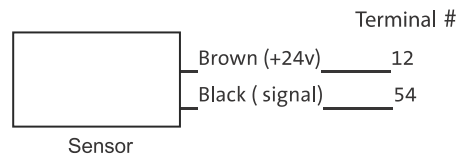


Fig. 7 Groundwater pressure sensor

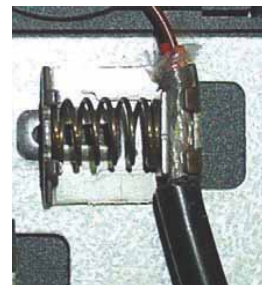
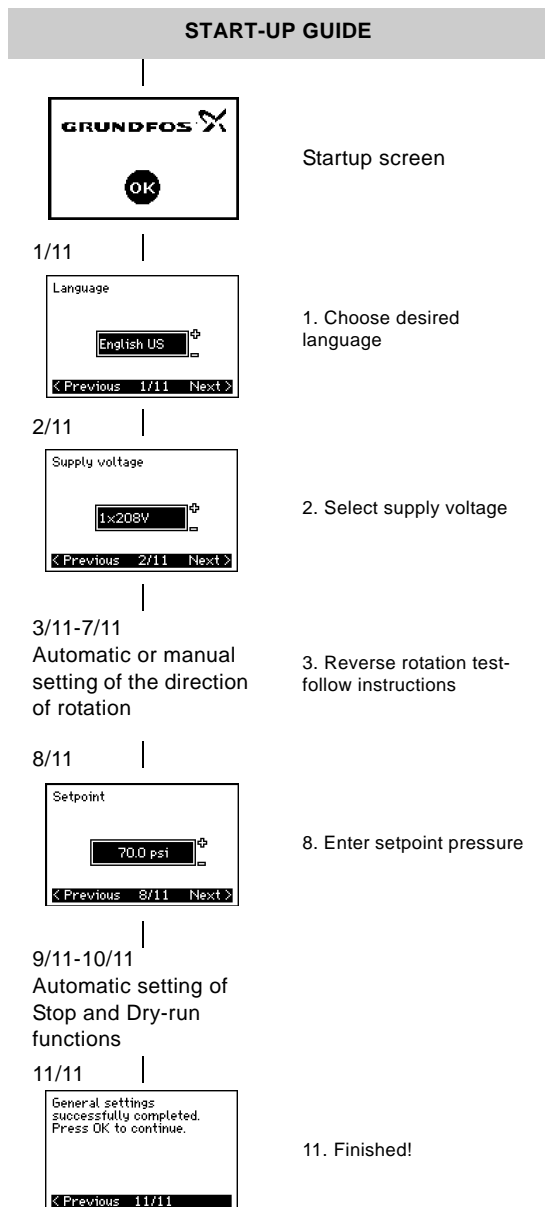


Fig. 8 Ground sensor cable shield as shown

## 6. Complete programming



## 7. Keypad overview

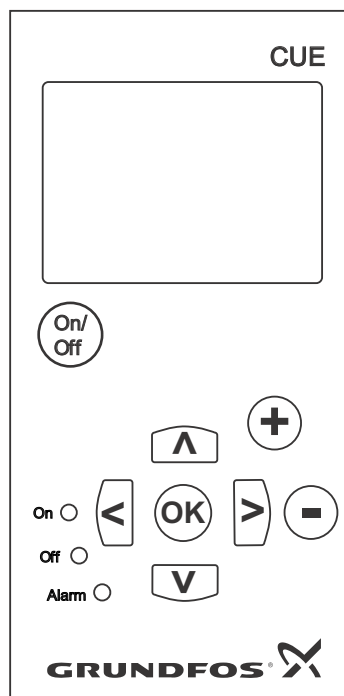


Fig. 9 Control panel of the CU331SP

TM03 8719 2507

Button	Function
	Makes the pump ready for operation/starts and stops the pump.
	Saves changed values, resets alarms and expands the value field.
	Changes values in the value field.

<b>L-CU-TL-014</b> 1212
ECM: -

The name Grundfos, the Grundfos logo, and the payoff **be think innovate** are registered trademarks owned by Grundfos Holding A/S or Grundfos A/S, Denmark. All rights reserved worldwide.