

CU 200 SQ Flex Control

A CU 200 is a user-friendly interface box that maintains two-way communication with the pump monitoring its operating conditions. Built-in diagnostics indicate faults and dry-running, display operating status power consumption and level switch input. The CU 200 control unit is a combined status, control and communication unit especially developed for the SQ Flex system. The CU 200 incorporates cable entries for...

- power supply connection
- pump connection
- earth connection
- level switch connection

Communication between the CU 200 and the pump takes place via the pump power supply cable. This is called mains borne signaling (or Power Line Communication), and this principle means that no extra cables between the CU 200 and the pump are required. It is possible to start, stop and reset the pump by means of the on/off button.

The CU 200 control offers:

- System monitoring
- Alarm indication.

The following indications allow the operation of the pump to be monitored:

- Water reservoir is full (level switch)
- Pump is running
- Input power

The CU 200 offers the following alarm indications:

- Dry running
- Service needed in case of:
 - - no contact to pump
 - - over voltage
 - - over temperature
 - - overload.

In addition, the CU 200 shows the symbols of the energy supply options

Developed for the SQ Flex water supply systems, the CU 200 SQ Flex control offers:

- system monitoring on the basis of sensor signals
- system control on the basis of sensor signals
- monitoring of operation and alarm indication.

Technical data

- 30-300 VDC, PE.
- 1 x 90-240 V -10%/+6%, 50/60 Hz, PE.
- Maximum load:100 mA.