CC3020

Controller for Conductivity measurement

■ Description

The unit type CC3020 is a controller for full automatic monitoring of the conductivity and eventually starting a regeneration through an external device.
The controller is equipped with an conductivity meter without temperature meter.
Adaptable to user specific requirements by built-in programmable options.
The programmed configuration will be stored into non volatile memory and therefore not be affected by power loss.

■ Features

User Interface
- Monochrome LCD display (16x2 characters)
- Control through three internal keys
- Language : English, French, German and Dutch.

Inputs
- 3x Input for potential free switch
- 1x Conductivity meter

Conductivity meter
- Automatic range switching
- Cell constants from 0,01 - 10,00 cm^{-1}
- Range from 0,5 - 100.000 µS/cm depending on used cell
- Manual temperature compensation
- Capacitive cell

Outputs
- 3x Relay output (powered)

Memory
- Programming will be stored and not be affected by power loss.

Enclosure
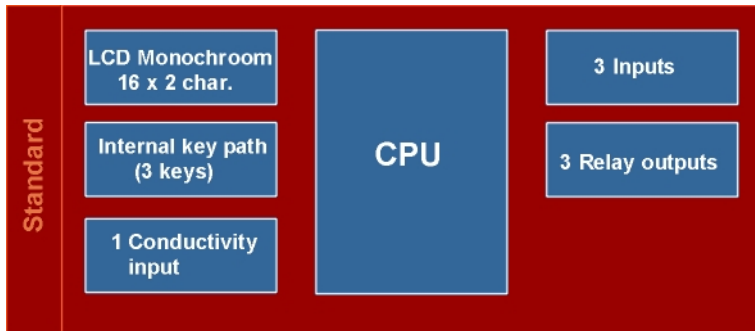- Suitable for wall mounting, IP65

Power supply
- 24 VAC input / 24 VAC output
- 115 VAC input / 115 VAC output
- 230 VAC input / 230 VAC output
- 12 VDC input / 12 VDC output
- 24 VDC input / 24 VDC output

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■ Block diagram

■ Function Table

The relay outputs and digital inputs are related to the following functions :

Relay Outputs		Digital Inputs			
Flush valve		Regeneration busy			
Regeneration start		Alarm reset			
Alarm					

■ Ordering Information

CC3020 + power supply

<u>Power supply :</u>
  24V   24 VAC /   24 VAC
115V   115 VAC / 115 VAC
230V   230 VAC / 230 VAC
  12VDC   12 VDC /   12 VDC
  24VDC   24 VDC /   24 VDC