



EQUIPMENT FOR WATER TREATMENT SYSTEMS

UF3020

Controller for Ultra filtration



■ Description

The unit type UF3020 is universal applicable for automatic monitoring and control of ultra filtration plants. There are six possible stages : "Stand by", "Filtration", "Pre flush", "Flush 1", "Backwash" and "Flush 2".

This unit can monitor several inputs: high switch for clean water tank, low level switch for raw water tank and an overpressure switch.

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 and German.

Inputs

- 4x Input for potential free switch

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

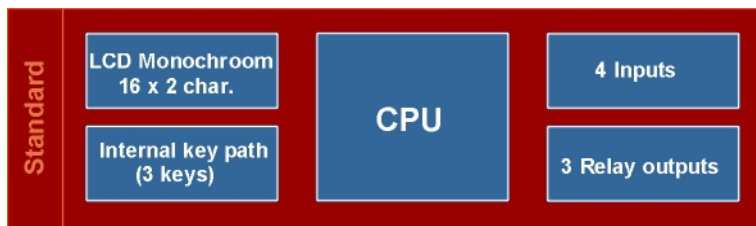
- 24 VAC input / 24 VAC output
- 115 VAC input / 115 VAC output
- 230 VAC input / 230 VAC output
- 12 VDC input / 12 VDC output
- 24 VDC input / 24 VDC output



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■ Block diagram



■ Function Table

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

Relay Outputs	Digital Inputs			
Universal outputs	High level switch clean			
Alarm	Low level switch clean			
Backwash pump	Low level switch raw			
	Overpressure			

■ Ordering Information

UF3020 + power supply

Power supply :

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