

Controller for reverse osmosis installations

Type OS3030

- User operated programming using double row of illuminated LCD display.
- Display text in English, French, German, Italian or Dutch.
- Simple control utilizing easy to follow symbols.
- Built-in audio signal for 12 programmed signal indicators.
- Adaption to user specific requirements by means of options programmable on site.
- Simple operation by means of a few clear operating symbols.
- Can be used for various sizes of plant.
- 10 programmable stages with several steps in some cases: production, stand-by, rinse after production, rinse during extraction, rinse during stand-by, stop when producing, stop when rising, stop when breakdown, maintenance and stop for maintenance.
- Desalinated water production controlled manually or using level switch.
- Locking of maintenance setting and programming possible by use of code number.
- Input of service telephone number.
- Extensive status report facility using information button.
- 2 inputs: container full and container empty.
- 2 programmable inputs: stop, excess pressure, concentrate, ext. signal switch or low water level.
- 1 optional programmable input (IF circuit board).
- Inputs programmable active open or closed.
- Optional installation of safety switch for high pressure pump.
- 1 connection for conductivity sensor (time constant programmable from 0,01 to 10,00 cm-1).
- Manual temperature compensation.
- 3 Outputs: High pressure pump, inlet valve, and concentrate rinse valve.
- 2 optional programmable outputs: dosing, extra program, permeate valve or indicator relay (IF circuit board).
- Output relay programmable active under current or not under current.
- Secure from power failure as all data is stored long-term without battery.
- Efficient micro controller with watchdog, illegal operation code and cycle monitoring.
- Safeguarded from EMC by galvanic separation between microcontroller and in- and output circuits and also by additional interference suppression filter.
- Available for wall-mounting.
- Available (input /output) : 24/24V, 115/115V, 230/230V, 115/24V, 230/24V

