

Controller for reverse osmosis installations



Type OS3050



Type OS3051

- Menu driven programming utilizing "two line" LCD-display.
- Choice of languages.
- Adaptable to user specific requirements by built-in programmable options.
- Simple control utilizing easy to follow symbols.
- Universally applicable for various sizes of installation.
- Desalinated water production controllable by hand or level switches.
- Control of the maintenance situation by means of a code choice possible.
- Programming a service telephone number possible.
- Substantial status information employing INFO key: actual input and output conditions, service telephone number, software version, programming situation of the annunciation and malfunction relays, rinse interval, rinse times, instrument probe cell constants.
- Large green LCD-display showing permeate- and raw water conductivity plus the relative.
- Permeate-conductivity as a percentage value of the raw water conductivity or raw water temperature.
- Adaptable communication link with the central control post.
- Interface 0(4)-20mA and RS 232 in preparation.
- Input: production-stop, storage tank full/empty, excess pressure, low pressure, concentrate-monitoring or alarm reset, motor protection switch, temperature feeler (optional).
- Integrated conductivity meter with automatic range switching.
- Conductivity range according to the instrument probe cell constants from 0,5 to 1 00 000 $\mu\text{S}/\text{cm}$
- The instrument probe cell constants programmable from 0,01 to 10,00 cm^{-1}
- Manual or automatic temperature compensation
- Duplicate conductivity meter and temperature reading as an available option
- Thermo switch with annunciation contact for 115/230 Volt pressure pump as available option Output: pressure pump (protection), input valve, rinse valve for concentrate and permeate, annunciation and malfunction contact
- Security of program information against supply failure, as all program information is stored without accu
- Large capacity microprocessor with "Watchdog", illegal "Operation code" and frequency monitoring
- Manufactured in accordance with EMC codes of practice; by means of galvanic isolation between the micro-processor and the in- and output circuits, plus extra built-in filter
- Available for wall-mounting and panel-mounting
- Available (input /output) : 24/24V, 115/115V, 230/230V