

## Controller for ionexchange plants

Type ES2030

- Menu-driven programming using a "two line" LCD display.
- Text displayed in English, German, French, Italian or Dutch.
- Adaptation to user specific requirements through integrated programmed options.
- Simple to operate using easy to follow symbols.
- Suitable for single and double column installations in routing, parallel or serial circuits.
- Universally implementable for a wide range of control valves, pilot valves and magnetic valves.
- Capacity values programmable from 1 to 65535 m<sup>3</sup> E or from 0.01 to 9999.99 m<sup>3</sup>.
- Option for programming a service telephone number.
- Regeneration/rinsing activation by time interval, flow, external switching, real time clock or manual control.
- Time delayed regeneration/rinsing.
- Control of quantity dependent sluicing.
- Extensive status request options using the INFO key:
  - sluice control, regeneration/rinsing time, extra program, filter capacity, total quantity of treated water, current input and outputs status, software version, start time interval, time delayed regeneration/rinsing, service telephone number, input and output programming.
- Additional functions for service personnel:
  - fast flow, filter exchange without regeneration/rinsing, standby filter regeneration/rinsing, time delayed regeneration, immediate regeneration/rinsing stop without program reset.
- Selectable standard input function:
  - water meter, regeneration/rinsing stop, regeneration/rinsing start or regeneration/rinsing agent monitoring.
- Expandable with one input function and two output functions by the addition of extra print IF2030.
- Selectable functions for the extra outputs:
  - extra program, regeneration/rinsing procedure, take-off impulse, signalling or sluicing.
- Available hardware models:
  - "CV" model for central control valves and "SV" model for single magnetic valves.
- Standard outputs "CV" model:
  - 2 central control valves with zero flow, 2 operating valves.
- Standard outputs "SV" model:
  - 6 magnetic valves ( 8 when optional additional circuit board is present).
- Program data secured against power failure as all important information is stored without a battery.
- High performance microprocessor with "Watchdog", "Illegal Operation Code" and frequency monitoring functions.
- Constructed in accordance with EMC Guidelines: with galvanic isolation of the microprocessor and the inputs and outputs, in addition to the integration of an extra interference filter.
- Available for wall mounting.
- Available (input /output) : 24/24V, 230/230V, 115/24V en 230/24V

