

Reflex Fillcontrol Auto Compact, Make-up unit with pump Article-No.:8688500



Reflex Fillcontrol Auto Compact, monitoring of pressure maintenance function in closed heating and cooling-water systems in accordance with the requirements of DIN EN 12828.

Incl. controlled make-up of make-up water and fill function for initial filling and refilling.

Particular well suited to systems with a low make-up water pressure, with CE marking.

Consists of a control unit designed for wall mounting with a hydraulic part and electronic, ergonomically designed Reflex Control Basic controller. To protect it from dirt, the entire unit is located in a housing made of expanded polypropylene with a removable maintenance cover.

The hydraulic system consists of a pressure-increase pump with electronic pressure sensor and integrated system separation function to protect potable water in accordance with DIN 1988-100 and EN 1717 by means of a depressurised system separation tank and float valve.

The Reflex Control Basic controller is integrated into a sturdy plastic housing that holds not only the power and communication electronics, but also the operator panel with dirt-resistant membrane keyboard.

Control Basic is a fully automatic, freely parameterisable microprocessor controller with real-time clock, differentiating error memory and parameter memory, two-line plain-text display to indicate system pressure and all relevant operating and alarm messages and an LED display for the operating modes and general error messages.

Communication electronics consist of:

- RS-485 interface as a data interface and for connecting optional communication components
- Floating output for forwarding common messages
- Input for evaluating a contact water meter
- Input for requesting functions via an external signal

Control unit complete with all piping and the necessary wiring for connection in accordance with VDE regulations, mains cable (l = 5 m) and shock-proof plug

System pressure is monitored and displayed with an alarm message if the pressure level breaches the minimum or maximum thresholds. The system is controlled by means of an integrated system-pressure evaluation function or an external 230-V signal (e.g. a pressure-maintaining station), with automatic interruption function and alarm message if the runtime and/or number of cycles is exceeded.

A contact water meter can be used for evaluation incl. optional capacity monitoring for ion exchangers in the make-up line.

Entire system is documented and monitored with regard to the aforementioned parameters.

Merkmale

- Type: AC 8,5
- Max. operating pressure: 10 bar
- Max. operating temperature: 0...30 °C
- Ambient temperature limit: 0...35 °C
- Electr. power consumption: 0,7 kW
- Flow rate: 0,12-0,18 m³/h
- Power supply: 230 V, 50 Hz
- Net weight: 19,1 kg
- Connections Inlet: G 3/8
- Outlet: G 3/8
- Depth/width/height (mm): 620/580/290 mm
- Max. working pressure: 8,5 bar
- Min. operating pressure: bar
- Final press. press.maint.: bar
- Safety valve set pressure: bar



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