

Reflex Fillcontrol Plus P 1,4, monitored water make-up for systems with MAG Article-No.:8812100



Reflex Fillcontrol Plus, function monitoring of static pre charged expansion vessels with controlled water make-up in case of system pressure too low. Features a separate operating mode for the initial filling and total refill of the system circuits, with EC registering mark and accordingly EN 12828.

Pressure monitoring and display with error message in case of too low system pressure or if the maximum pressure is exceeded.

Unit existing of a hydraulic part and a Reflex Control Basic operating unit. Assembly provided with a bracket for wall mount.

The Reflex Control Basic is integrated in a sturdy pre wired plastic cabinet which has IP 54 protection class and in which all electric and electronic components are integrated. The control panel is consisting of a display and a membrane keyboard which is

insensitive to dirt.

The Control Basic is a fully automatic freely programmable microprocessor control unit. On the two-line LCD screen, operation mode, failures and system pressure are indicated in plain text. (16 language display).

Also two function-LED indicate the unit to be in automatic mode and malfunction. The control features a parameter- and error memory. This way it is possible to display in chronological order the last 20 error messages with indication of date and time.

The control as standard is provided with:

- RS 485 Interface for transfer of complete operation information to a BMS e.g. by use of a bus module or for data exchange between multiple Reflex control units
- a volt free output for common fault

message.

-an input terminal for evaluation of a contact water meter pulse

Controlled, pressure-dependent water make-up with automatic interruption and error message if the runtime and/or the number of cycles are exceeded. Evaluation of the signal of a contact water meter possible.

Alternatively, a special Level-control operating mode can be activated for a controlled level-dependent water make-up in combination with pressurization units. In such case, the make-up request is performed through an external 230 V signal input.

Documentation and monitoring of the connected HVAC-system with respect to the above-mentioned parameters.

Merkmale

Type: P 1,4

Max. operating pressure: 10 bar

Max. operating temperature: 90 °C

Flow rate: 1,4 m³/h

Electr. power consumption: 230 V, 50 Hz

Net weight: 2,5 kg

Connections Inlet: G 3/4

Outlet: G 1/2

Height/width/depth (mm): 320/340/190 mm

Preset Pressure exp.-vessel: bar

Final press. press.maint.: bar

Safety valve set pressure: bar



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