

Fillcontrol Smart, monitoring/make-up for systems with a diaphragm expansion vessel

Article number: 6813500



Thinking solutions.



Features

Type	Smart
Max. ambient temperature	45 °C
Max. perm. operating temperature	65 °C
Max. perm. operating pressure	10 bar
Inlet/outlet connection	R 1/2" / R 1/2"
Electric connection	230V/50Hz
Height	299 mm
Width	320 mm
Installation length	236 mm
Depth	194 mm
Weight	3,20 kg

Description

Fillcontrol Smart

Automatic make-up and filling station for heating and cooling systems with expansion vessels (MAG).

Enables a controlled and reliable water make-up and system filling in accordance with DIN EN 1717 or DIN 1988 from directly connected drinking water mains and implements the recommended function control of the pressure-maintaining system (MAG (expansion vessel)) according to DIN EN 12828 and VDI 4807.

Comprising:

- Shut-off valve
- DVGW-tested system separator (BA) in accordance with DIN EN 12729
- Dirt trap
- Pressure sensor
- Motor ball valve
- Pressure reducer with control manometer and microprocessor controller

All components are easily accessible and integrated.

The controlled, pressure-dependent water make-up takes place with automatic interruption and fault message generation upon exceeding of the running time and/or the number of cycles.

First filling of the system and refilling are possible using the operating mode that can be set for this purpose. Function control and monitoring of the CE-designated station takes place via a fully automatic and freely programmable microprocessor controller with LCD display for all relevant operating and fault messages and pressure display, as well as a potential-free output for collective fault messages and an RS485 interface for connection to the BMS.