

The regulator

Flow controller DFR 45



Establishing a constant water flow

The flow controller DFR 45 is a fitting designed for the regulation of a water flow with fluctuating water pressure. The establishment of a constant water flow can increase the accuracy of measuring cells for the analysis of water parameters and compensates pulsing flows.

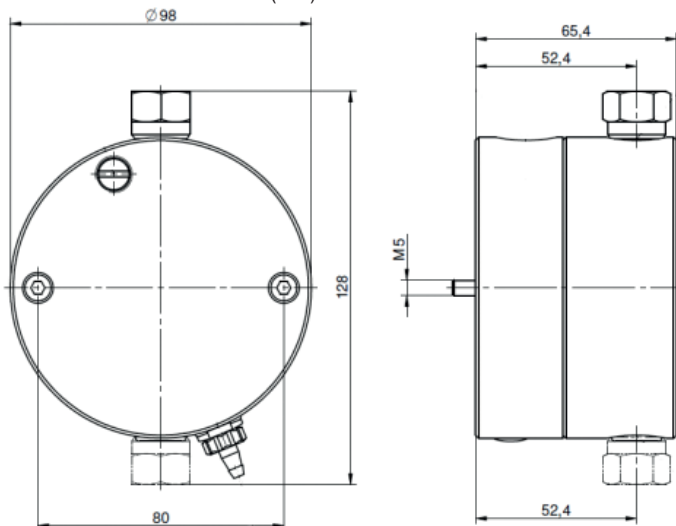
The throughflow volumes can be adjusted exactly using a setting screw. In addition, the DFR 45 can be fitted with a temperature sensor, thereby extending it by adding the function of a temperature measurement point. A valve enables the simple removal of water samples.

Functions

- Regulating pulsing water flows
- Throughflow volumes of 15 to 45 l/h can be set exactly
- Available made of PVC and PVDF (for hot water systems)
- Highly-durable against chemicals and abrasion
- Can be used as a temperature measurement point (optional)
- Simple water sample extraction through valve possible

Dimensions

All dimensions in millimetres (mm).



Technical data

Materials		PVC / FPM / 1.4310 PVDF / FPM / 1.4310
Throughflow volumes	l/h	15 – 45
Inlet pressure	bar	0,2 – 6
Max. water temperature	°C	PVC: 40 PVDF: 60
Max. ambient temperature	°C	40
Inflow and outflows		G1/4"
Temperature measurement point		M12x1.5