

FM10

## Flowmeter series FM®

### Version FM1, FM10

- High chemical resistance
- For gases and liquids available
- Easy dismantling and cleaning
- Also with high precision needle valve
- Also for high temperatures

#### Application

The **M&C** flowmeters – type **FM 1** and **FM 10** – which are corrosion-resistant are used for controlling the flow in case of aggressive gases and liquids. The flow tube is delivered according to your specific data, e.g. medium, temperature, pressure.

#### Description

The **M&C** flowmeters **FM 1** and **FM 10** consist of a glass tube (the inside is conical and becomes enlarged in the upper sector) in which the floating ball can move. The substance flows through the tube from the below part to the upper part so that the floating ball is raised. It arises a gap between the tube wall and the substance and creates an equilibrium. Each level of the floating ball corresponds to a certain flow rate which is shown on the scale.

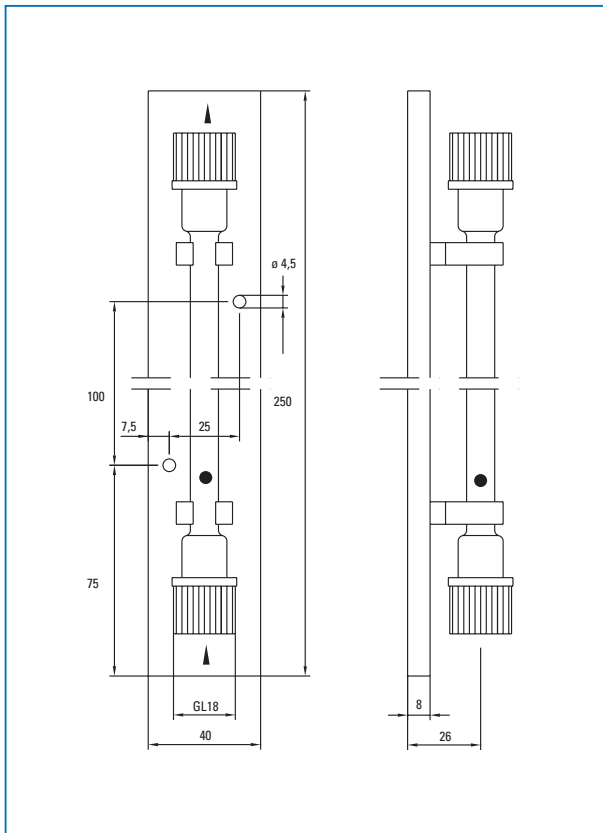
The sealing and connecting parts are constructively reduced and consist only of in- and outlet connection. All medium contacted parts are made out of PTFE and glass. The flowmeter is configured in such a way that it can easily be dismantled and cleaned.

The flowmeter **FM 10** is equipped with a needle valve in the inlet which enables you to adjust the flow rate with high precision.

- For automatic flow control the control unit types **FA...** are used.  
– Please see separate data sheets 5-6.10.1 / 5-6.10.2 / 5-6.10.3 / 5-6.15. –
- For connecting the tubes, a special programme is available.  
– Please see separate data sheet 3-5.1.1. –

Dimensions

Flowmeter FM 1



Dimensions in mm

Flowmeter with needle valve in the inlet FM 10

