

Flow meter



benefits

- integrated ball valve for adjustment and shutting off
- direct indication of the flow rate in l/min
- adjustment without diagram, table or measuring instrument
- available with many connection types

Application

For hydraulic balancing and flow monitoring in heating/cooling systems, air conditioning systems, solar systems and geothermal systems. DFM allows for fast hydraulic balancing of the system or of system components without diagrams, tables or measuring instruments. Suitable for heating and cooling water as well as water mixtures with standard corrosion protection and antifreeze agents.

Description

Compact flow meter with scale and ball valve for shutting off and adjustment. The flow meter can be installed in pipes in a horizontal, tilted or vertical position. Adjustments are made by means of a screwdriver via the adjustment screw. The reading mark corresponds to the lower edge of the rotameter/float. Systems with correct hydraulic balancing provide for optimum energy distribution and cost-efficient operation.

Technical Specifications

Operating temperature range
max. 120 °C, short-term 160 °C

Operating pressure
max. 10 bar

Measuring principle
Rotameter type with counter spring

Measuring range
see ordering table

Nominal diameter
DN 20

Options

- other nominal diameters

Housing
Brass, nickel-plated

Connection
G1 male x G1 male

Mounting position
horizontal, tilted or vertical

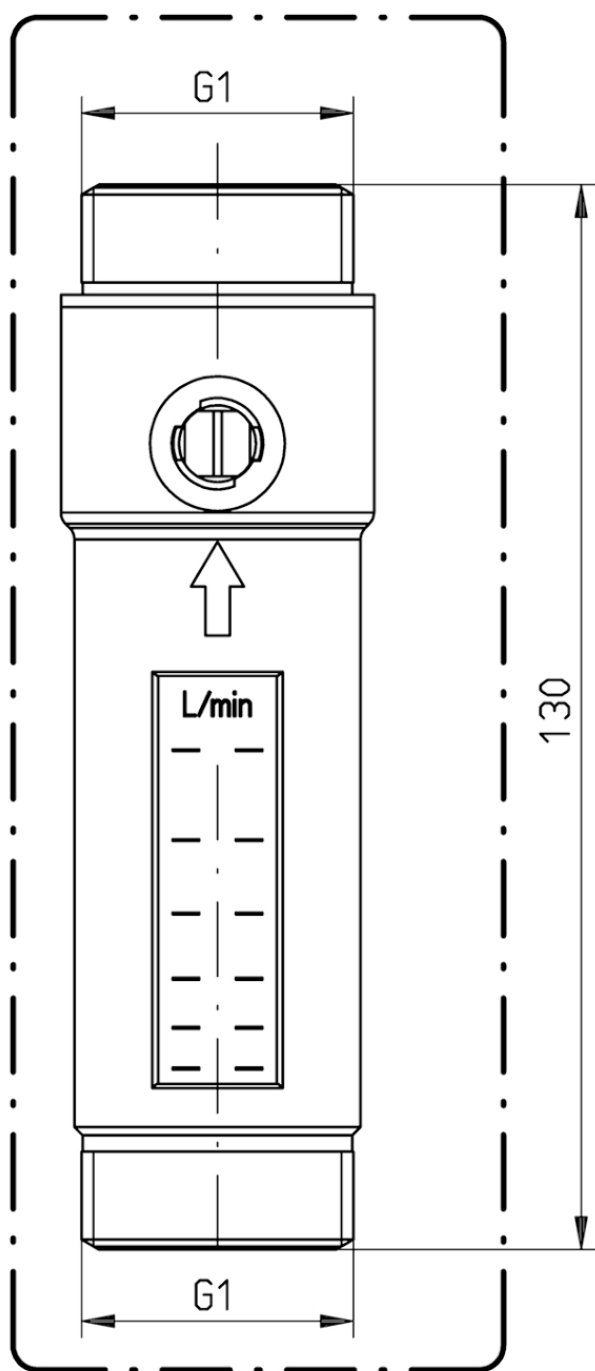
Options

- other nominal diameters
- other connections
- other measuring ranges

- other connections
- other measuring ranges

Technical Drawings

DFM 20-2M, G1 x G1



Dimensions (mm)

Versions

	Nominal diameter	Connections	Measuring range	Flow coefficient Kvs		Part no.
DFM 20-2M	DN 20	G1 male x G1 male	5 – 42 l/min	9.7 m³/h	●	80978
DFM 20-2M	DN 20	G1 male x G1 male	20 – 70 l/min	12.9 m³/h	●	80983

● in-stock items

● Non-stock items