Visual flowmeter GF

Georg Fischer

The GF flowmeter series is intended for visual monitoring of the liquid flow. When the liquid flows from bottom to top, the float in the meter is pushed upwards. Thanks to its conical shape, the float rises higher as the flow velocity increases. A distinction should be made between the types 'SK' and '335'.

Type SK: Relatively low capacity up to 1 m³/h. Available with/without magnet in the driver, recognisable from the suffix '0' in the product name.

Type 335: Large flow rates up to 30 m³/h. Available with/without magnet in the driver. The version with magnet is required for the application with a Reed contact for automatic read-out. This version is recognisable from the suffix 'M' in the product name.

APPLICATION

Greenhouse horticulture, industrial water management

CHARACTERISTICS

- Simple read-out
- Low head losses
- Integral damping to prevent water hammer
- Double scale for water in percentage and liters/hour
- Sturdy design without parts that could break off
- No external power source required
- Different materials (and hence chemical resistance) on request
- Manufactured from transparent polyamide (Trog amid®) that is less susceptible to discoloration (yellowing)

TECHNICAL DATA

Nominal working pressure	: 10 bar (at 20°C)
Maximum temperature	: 60°C (with decreasing maximum pressure)
Flow range	: 2.5 to 30,000 l/h (higher flow on request)
Connection	: glued joint DN 25 - 65
Material	: PVC-U (glued joint)
	: polyamide - Trog amid® (housing)
	: EPDM (O-rings)
Driver	: PVDF
Option	: 4 - 20 mA read-out (GK15) or additional limit contacts (GK10 and GK11)

INSTALLATION & MAINTENANCE

Installation

- The flowmeter should be installed upright (vertically).
- Observe a straight pipe length of 10x DN inlet and 5x DN outlet during installation.
- See also the enclosed manufacturer's installation instructions.