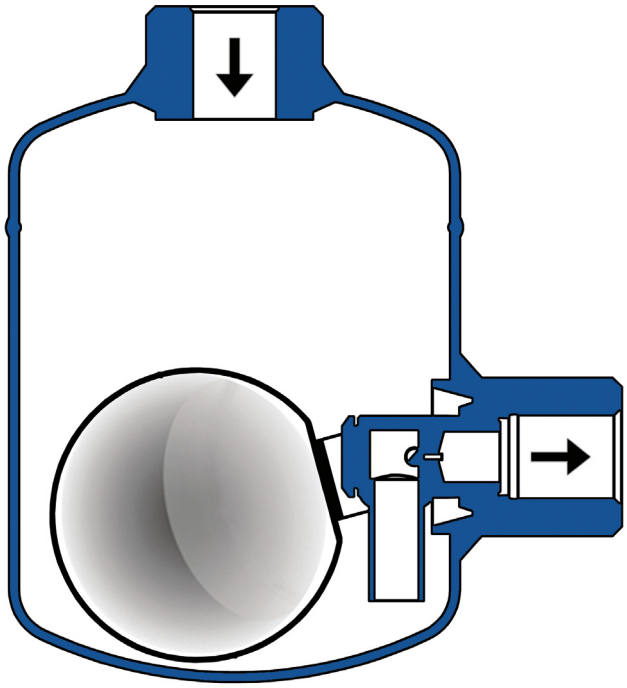
RIFOmat Float – Controlled-Trap

Mini-N 1064

PN 16



Housing-Material+Internals: Stainless steel 1.4571

Connection: Threaded port G1/2" (BSP), other on request

Application: To drain condensate from pipes or gas systems

Volume: 0,7 L

Media: Air, Gases, aggressiv medium

Function: Increasing level opens and decreasing level closes the outlet without delay, independent of pressure and temperature fluctuations.

Special carateristics: Only one movable point since the rotary slide valve is both swivel joint and shut off device. The control unit is absolutely gastight when condensat exists.

The trap is maintenance free. No spare parts.

The armature is free of sealing material.

Installation: At the bottom of the system.
Angular type: Inlet from the top, lateral outlet.

Operation-limits:

Max. operating Pressure in bar	16
Max. operating temperatur °C	100

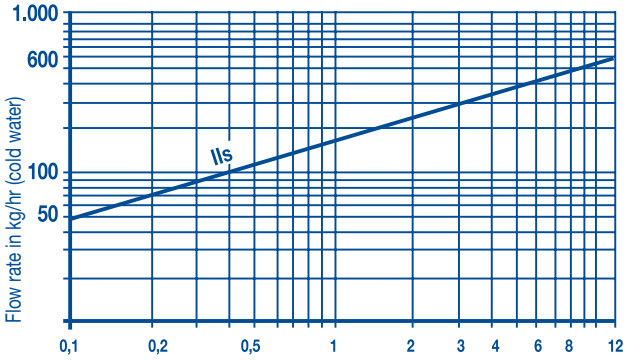
Prüfdruck PT = 28,5 bar

Function-limits:

Float-control cross-section	Initial pressure in barg
II s	12

Please state the following when making inquiries / placing orders:
Medium, density, initial pressure, counter-pressure, temperature, quantity of condensate (kg/h).

Performance



Pressure difference in bar (with reference to atmosphere)

For very small pressures:

Pressure difference in bar	Flow rate in kg/hr
0,02	23
0,04	32
0,06	40
0,08	46

CE - Mark

The pressure eqipement described is a pressure-keeping component in accordance with the Pressure Vessel Directive 97/23/EC and since capacity is less than 1 litre, it bears no CE-mark, in accordance with Article 3, subsecton 3.

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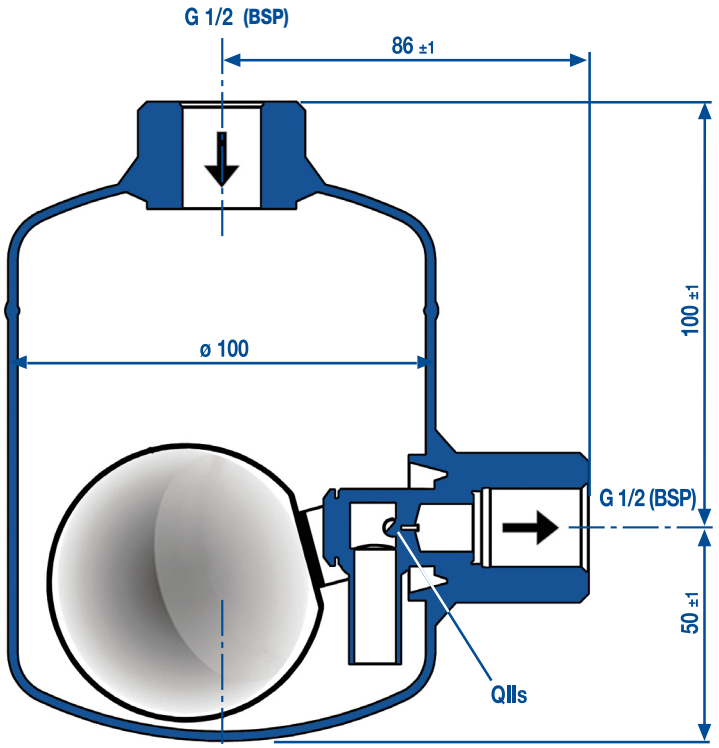
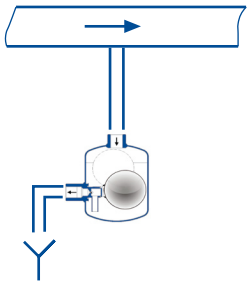


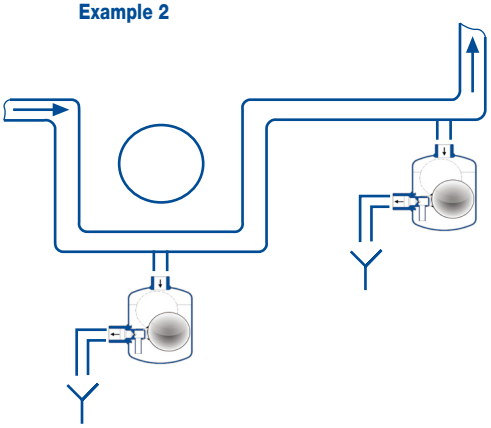
Dimensions in mm
Weight: 1,2 kg

Examples for installations

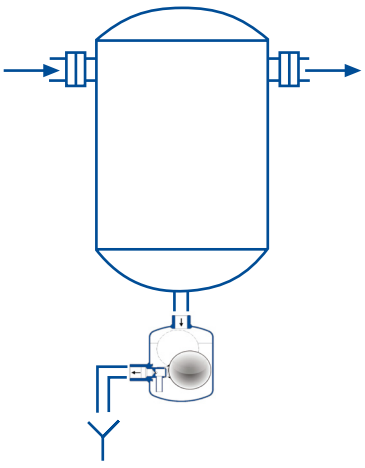
Example 1



Example 2



Example 3



Note for installation: The perfomance of float trap is a function of the difference of pressure. With very low pressure the float trap can be increased, as the steam trap is accordingly more deeply set. Per meter an additional pressure develops itself 0,1 bar due to the geodetic height.

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