

**Housing-Material+Internals:** Stainless steel 1.4571

**Connection:** Inlet: G ½" and G1" (BSP) threaded port, outlet: G ½" (BSP) threaded port

**Application:** To drain condensate from pipes or gas systems

**Volume:** 0,7 l

**Media:** Air, Gases, aggressive medium

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

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

The trap is maintenance free. No spare parts.

The armature is free of sealing materials.

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

## Operation limits:

Max. operating pressure (bar g)	16
Max. operating temperatur (°C)	100
Testing Pressure PT = 28,5 bar	

## Function limits:

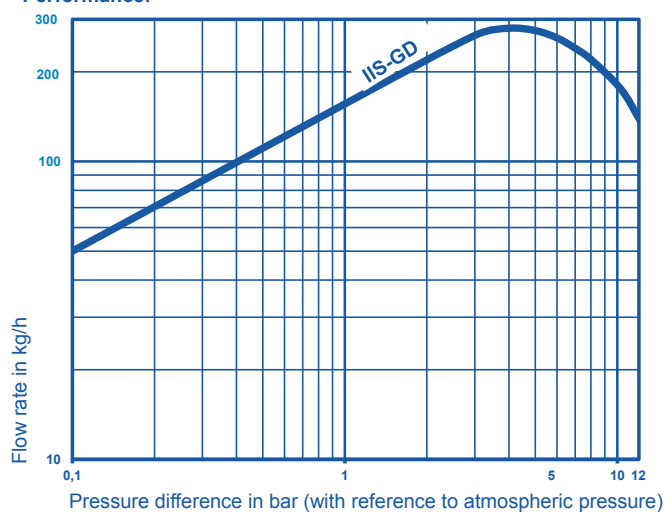
Float-control cross-section	max. line pressure in bar g
II s - GD	8-12*

\* not exceed the flow rate.

## Please state the following when making inquiries / placing orders:

Medium, density, initial pressure, counter-pressure, temperature, quantity of condensate (kg/h).

## Performance:

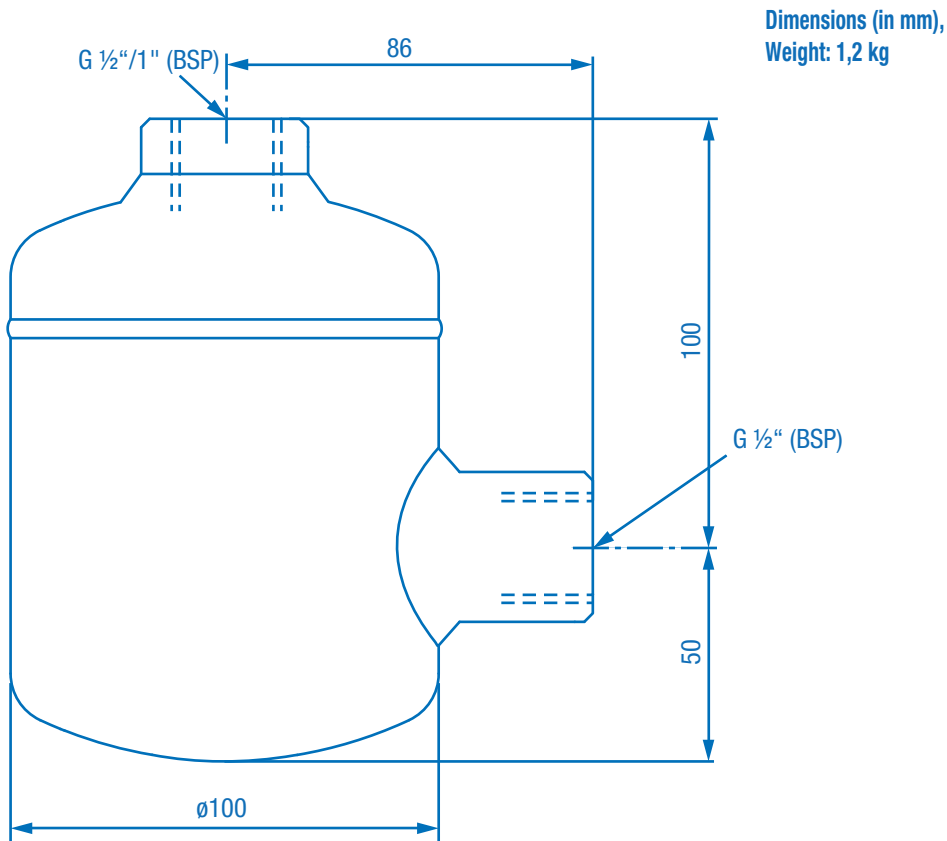


## For very low pressures:

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

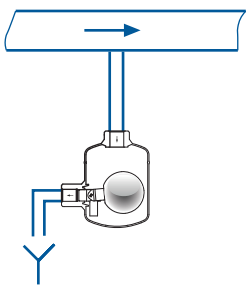
## CE - Mark

The pressure equipment described is a pressure-keeping component in accordance with the Pressure Vessel Directive 2014/68/EU and since capacity is less than 1 litre, it bears no CE-mark, in accordance with Article 4, subsection 3.

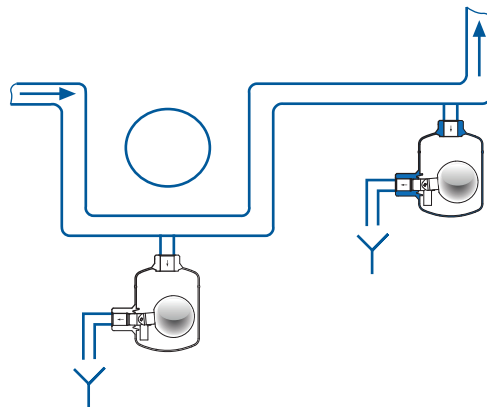


## Examples for installations

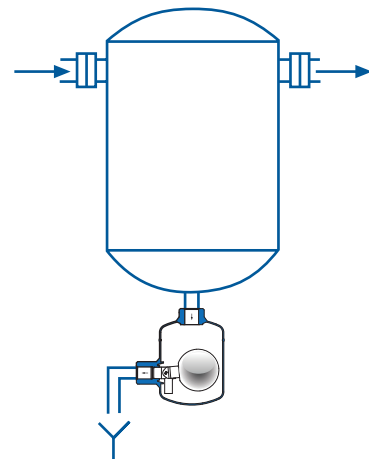
Example 1



Example 2



Example 3



**Note for installations:** The discharge capacity of float trap is proportional to the pressure difference. For applications with very low pressure, the discharge capacity can be increased by installing the float trap suitably lower. Because of the geodetic height, the pressure can be increased every 0,1 bar for every meter that float trap is installed lower.