

# Differential pressure overflow valve

## DATA SHEET

### ZL-2567



## Application

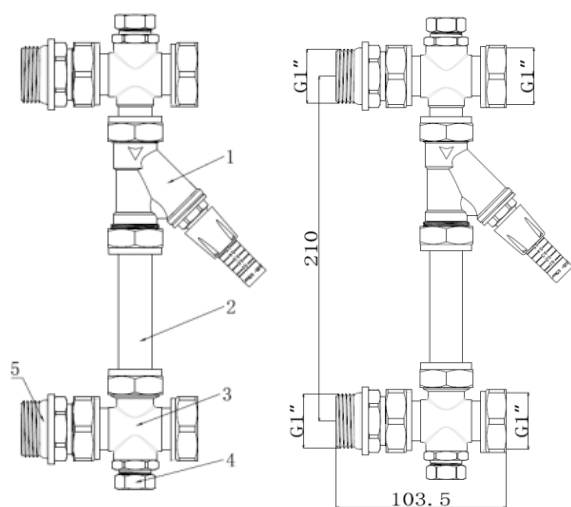
The overflow valve is used for maintaining a constant pump head in heating systems. This is necessary if the radiator or radiant panel heating thermostatic valves are strongly throttled and/or closed.

- Differential pressure overflow valve for differential pressure compensation between supply and return manifold lines
- Union nut for flat-sealing connection to manifolds with 1" male thread
- Compact design, pressure-tested and ready-to-mount

## Performance

Applicable medium: Water, glycol solutions Max. percentage of glycol is 30%
Setting range: 0.05 to 0.5bar
Max working pressure: 10bar
Max working temp.: 100°C
Connections: G1" (ISO 228-1)

## Characteristic Components



No.	Components	Materials
1	Differential pressure overflow valve	Brass
2	take over	Brass
3	Cross component	Brass
4	valve plug	Brass
5	Seals	EPDM

## Setting

The valve can be manually adjusted from 0.05 Bar to 0.5 Bar. A setting of between 0.2 > 0.3 Bar is usually sufficient for most domestic situations. If the differential pressure is too low or the by-pass flow is too high, the pressure setting should be increased. If the differential pressure is too high or the by-pass flow too low, the pressure setting should be decreased.

### Flow Diagram

