TYPE CONTIFLOW-PLC

Safe programmable and automatic Sampling in a protecting box

Safety first

7.1.1

- **closed system**
- **definable volume of Sample (15 - 1000 ml)**
- **time dependent sampling**
- **no overfilling of bottle (sensor)**
- **no accidental operation**
- **no spillage of bottle - pneumatic lift**
- **sampling bottles (50 - 1000 ml)**
- **autarcical system - integrated PLC**
- **interfaces to other external signals**
- **DN 15 - 150 / ½" - 6" available**

TYPE CONTIFLOW-PLC

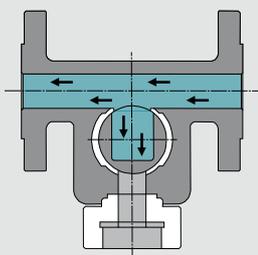## Functional principle

Liquids
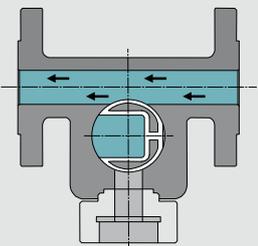Solids
Sensor System
Automation

A safe and representative sampling during the process requires an inline-system without any interruption of the flow. With the automatic sampling system CONTIFLOW-PLC the sampling cycle or the time period can be programmed and fully controlled. A sample level controller prevents the bottle from overfilling. The PLC-system can either be programmed manually or easily integrated within the exististing control system.

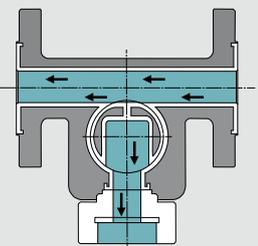## Process of the sampling in the protecting box

Principle of sampling

filling of plug

pressureless sampling

filling the bottle

1. Insert empty or partly filled bottle.

2. The bottle is lifted pneumatically

3. Automatic sampling

4. Indication after termination of programm (no overfilling of bottle)