

# Type GSP / Type LG-SP

## Safe and easy operation



for gas and liquid gas  
sampling volume per operation:  
freely selectable

- safe and contamination-free

PN 10 - 100  
Class 150 - 600

Ventilation: internally back to  
system



### Type GSP

Gas sampling system  
(sampling cylinder at  
control panel)

### Design characteristics

- closed system
- representative, contamination free sample
- defined sampling quantity
- integrated system purge
- all components mounted on ready-to-install stainless steel plate
- bypass assembly

### Options

- protection box (lockable, heatable)

### Material

- valves, pipes and pressure cylinder made of stainless steel, other on request

### Approvals

Pressure cylinder acc. to TPED (Transportable Pressure Equipment Directive) or DOT (US Department of Transportation)

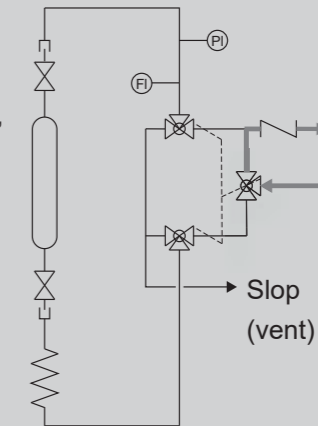


### Type LG-SP

Liquid gas sampling system (sampling container outside of the control panel)

### Gas sample drawing with GSP

- the flushing of the complete, closed system incl. cylinder ensures optimal collection of a representative, contamination-free sample
- safe sample drawing (leakage free / self-closing) with only one handwheel
- sampling cylinder can easily be removed by quick couplings, defined and contamination-free sample quantity

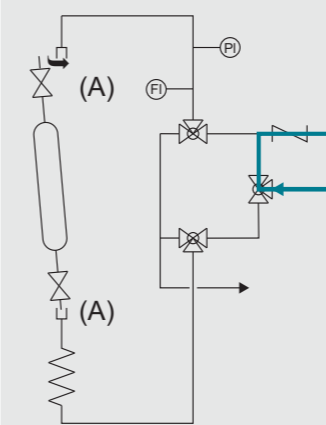


### Functionality

Process out  
Process in

Slop (vent)

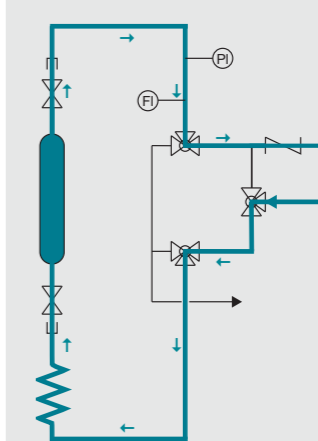
### 1. Basic position



Handwheel position  
**PROCESS (0°)**

- no-flow through system
- inserting of sample container
- open cylinder, shut-off valves (A)

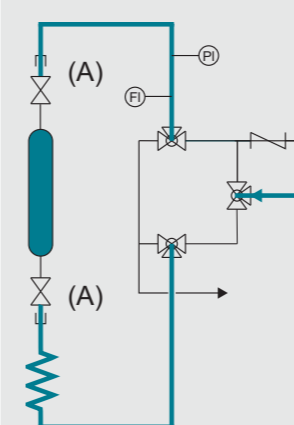
### 2. System purge



Handwheel position  
**PURGE (180°)**

- purge system for a few minutes

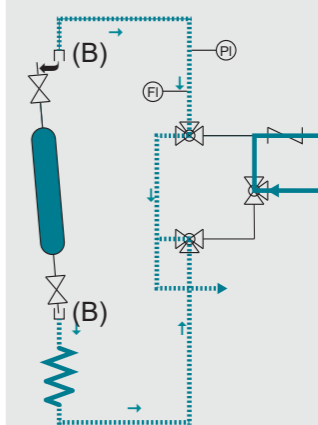
### 3. Closing



Handwheel position  
**CLOSE (90°)**

- system isolated from process
- media contained
- sampling cylinder filled
- close cylinder, shut-off valves (A)

### 4. Depressurization & removal



Handwheel position  
**PROCESS (0°)**

- no-flow through system
- depressurization of system via slop/flame
- open quick connects (B)
- remove sample cylinder