

# High pressure safety stop SP300-E spectrocem



BE55-1 with SP300



BE55-1 with SP300S (purge device optional)

## Product features

- Stainless steel safety shut-off device (SSD) for pressure control panels
- Immediate stop of the gas supply at excessive increase of the outlet pressure
- For corrosive, toxic gases and gas mixtures with corrosive components up to quality 6.0
- Suitable for an inlet pressure up to 300 bar
- Suitable for max. outlet pressure between 1.5 and 100 bar
- EU-type examination (module B, model type) according to guideline 2014/68/EU
- CE certified (CE 0036)
- Designed for easy installation
- No extra power required (process gas controlled)
- Shut-off of the gas supply near the source saves gas (no loss by venting via the waste gas line) and increases safety.
- Saves installation cost - no pressure relief piping necessary
- Simple reset can put the SP300 back into operation service after the fault correction.

## Technical data

<b>Inlet pressure <math>P_1</math></b>	max. 300 bar
<b>Outlet pressure <math>P_2</math> / Set pressure <math>P_A^*</math></b>	1.5 / min. 4 bar 4 / min. 6 bar 10 / min. 16 bar 20 / min. 30 bar 50 / min. 80 bar 100 / min. 140 bar

## **Materials**

Body: Edelstahl 1.4404  
Sealings: EPDM or FKM

**In- and outlet** 1/4"-NPT female

**Temperature range** -20°C to +60°C

**Leak rate** 10<sup>-8</sup> mbar l/s He

**$C_v$ -value** 2.2

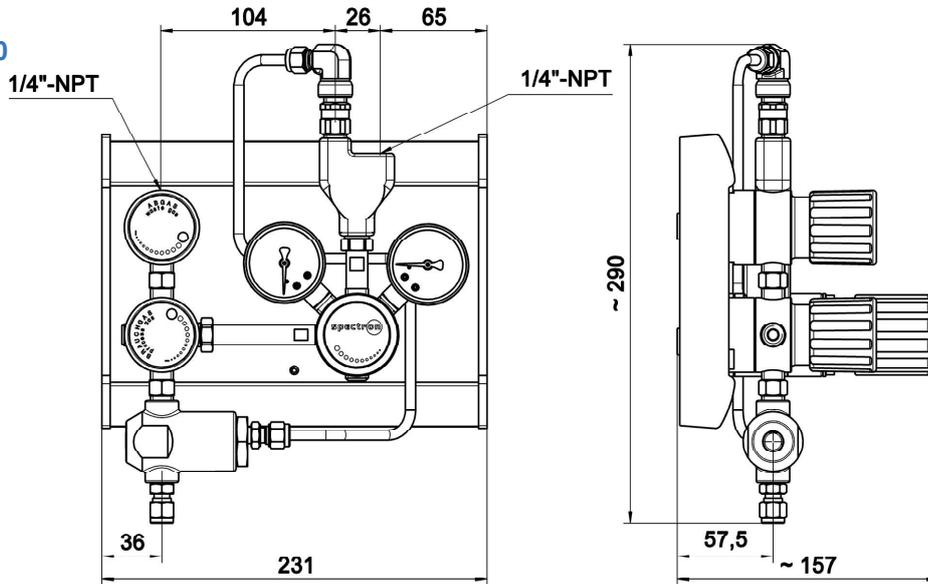
**Nominal size** DN 5

**Weight** 0.5 kg

\* The downstream system has to be designed for  $P_A + 10$  bar.

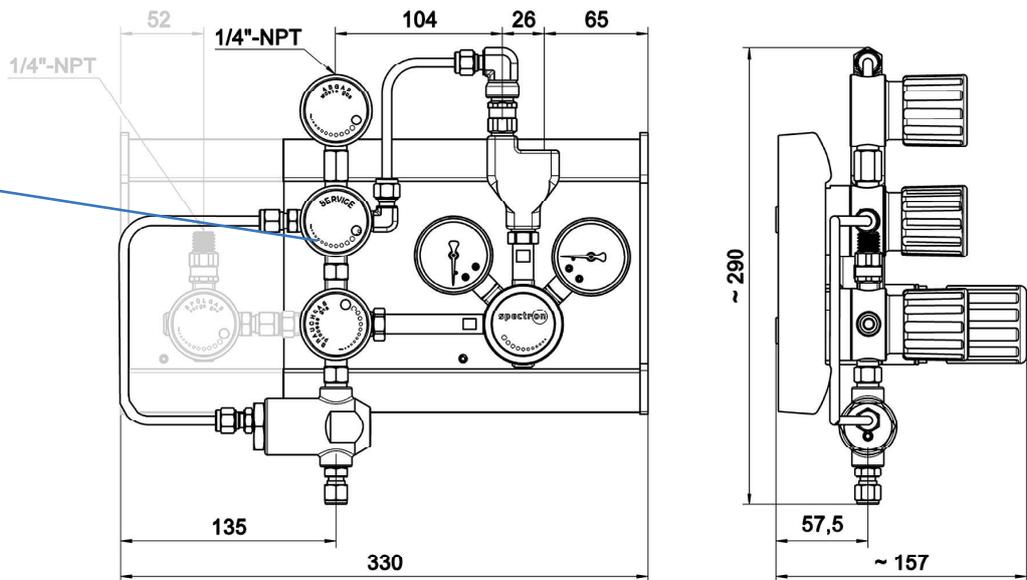
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Dimensions  
BE55-1 with SP300



Dimensions  
BE55-1 with SP300S

service valve



## Ordering information:

Pressure control panel BE55-1 with safety shut-off device SP300

**BE55-1-300-10-M-M-0-SP300-NH3**

### Outlet pressure $P_2$

- 1,5 - up to 1,5 bar
- 4 - up to 4 bar
- 10 - up to 10 bar
- 20 - up to 20 bar
- 50 - up to 50 bar
- 100 - up to 100 bar

### Type of gas

Please specify type of gas

### safety shut-off device

- SP300 - standard
- SP300S - with service valve

**Attention:** The safety shut-off device SP 300 is only allowed to be used according to module B of guideline 2014/68/EU (model type) in combination with the therein described pressure relief valve (release device).