

ATLAS TGC Rack

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EP-DT

Detector Technologies

Description of the issue

Total input and output flow in Rack 61 are oscillating:

- period ~ 15 mins
- delta ~ 100 l/h

Notes:

- No changes in input pressure
- No changes in output pressure
- No changes in regulation valve



Oscillations on single channels: input

It seems that the oscillations are also on the single channels ~ 10 ln/h per channel



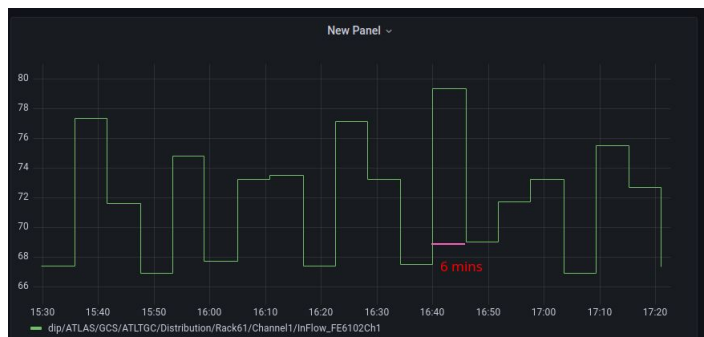
Oscillations on single channels: output

It seems that the oscillations are also on the single channels ~ 10 ln/h per channel



Oscillations on single channels: input

However, the oscillations on single channels don't have the same shape of the total flow



Oscillations on single channels: output

For output flow the flow fluctuation among the single channels is less homogeneous

