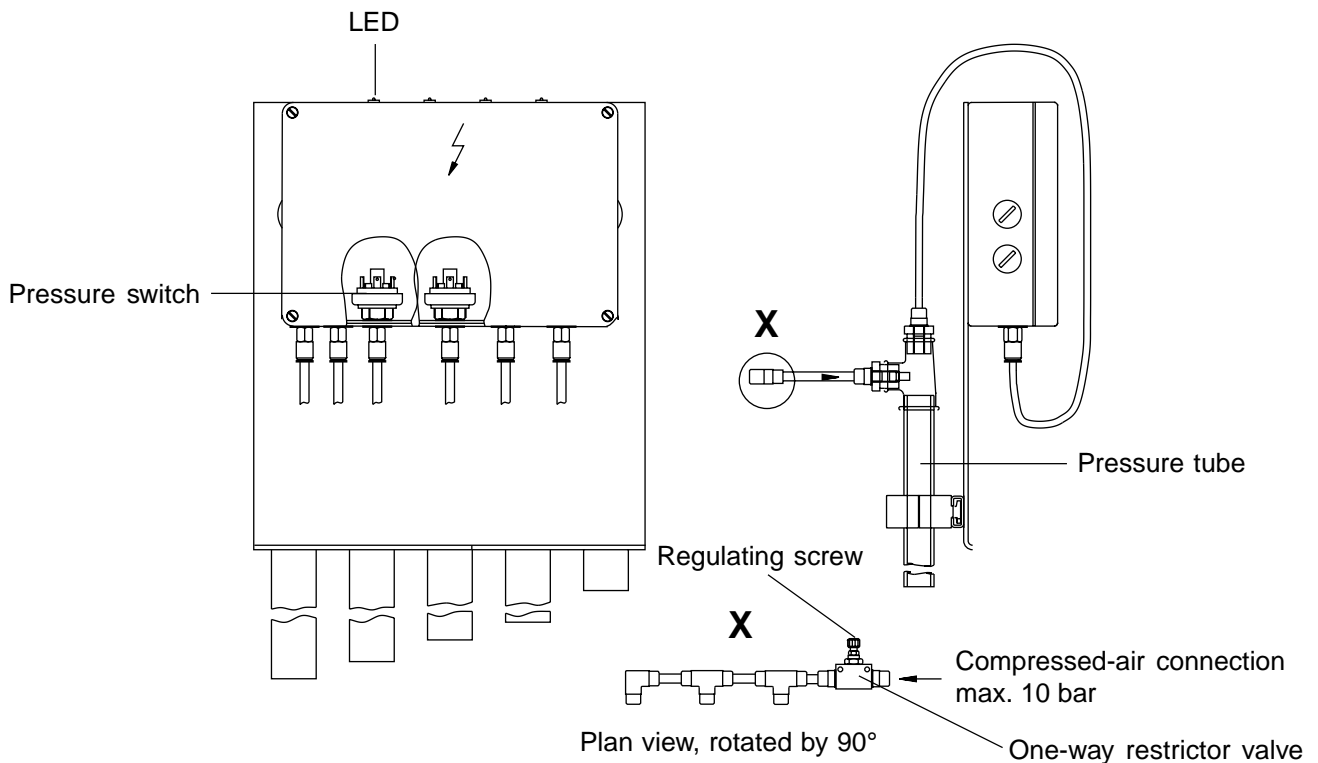


## Pneumatically assisted level regulator



### Function:

- Pressure changes in the pressure tubes (depending on the liquid level in the system) are relayed to the pressure switches, which then trigger the corresponding functions.

### Adjustment:

- The one-way restrictor valve must be connected to the compressed-air supply.
- The air pressure should range between 4 bar min. and 10 bar max.
- Before operating the system, adjust the one-way restrictor valve via the regulating screw.
- Tighten the regulating screw of the one-way restrictor, then slacken it again by approx. 1/2 turn.



Compressed air must be supplied via a maintenance unit of the level regulator.  
Dirt particles and condensation must not be allowed to enter the level regulator.

### Advantages of pneumatically assisted systems:

- No risk of faults due to pressure tube leaks over longer periods of operation
- More sensitive switching thanks to short hysteresis.
- Dirt is continuously removed from the pressure tube by the compressed air.