

Sewage treatment plant: Automated ammonium measuring station

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Customer information

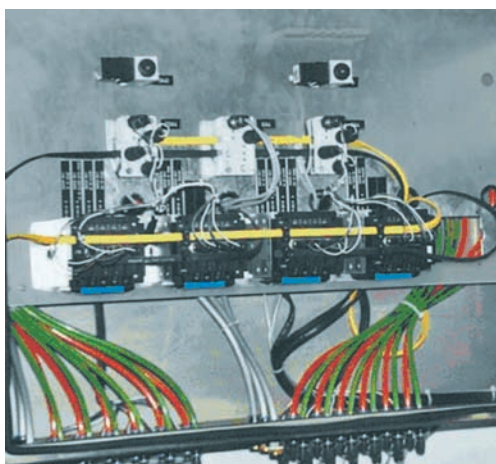
The sewage treatment plant Val De Ruz in Switzerland cleans the waste water of approximately 25.000 inhabitants. The fully automated measuring station for ammonium equipped with reliable Festo pneumatic satisfies the expectation of the operator completely.

Task

- Automation of the whole measuring station with valve terminals
- Control of valve terminals by AS-Interface fieldbus system
- Quarter turn actuators equipped with huge visual position indicators for the process valve
- Process valves and tubings are in compliance with the prescribed colour code

Solution

- Reduced wiring complexity due to installation of CPV valve terminals with AS-Interface control
- Utilisation of sensor boxes DAPZ and PUN tubes according to the colour codes
- Delivery of ready-to-install control cabinets including valve terminals, service units and tubings



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