********Process automation in drinking water treatment and wastewater purification applications**

Phoenix Contact has created the Waterworx function block library which is specifically tailored to the requirements of water management. This block library is designed to simplify the automation of processes and systems in water and wastewater treatment by using sector-specific yet standardized blocks in the PC Worx automation software.

Cross-plant customer-specific solutions can also be created based on standardized blocks. These standardized blocks allow the operator to create a project that is specifically tailored to their system. By using the new process library, controlling the installed drives and flaps is easier, for example, as the same functions are used in the blocks. In addition, the inputs and outputs have uniform names and complicated structures are not used. Typical system functions, such as release provisions for the operating philosophy, manual/automatic switch-overs or setpoint adjusters are available as blocks. Uniform programming of the entire system using the Waterworx function block library reduces maintenance work and costs, and enables the easy startup of new system parts or entire systems.

**Ends**

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