

PRESS RELEASE **light+building 2024**

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light+building hall 11.0 stand D64

Pump systems for building automation

Focusing on the theme 'System of Systems', Grundfos will be presenting innovative pump solutions for seamless integration into building automation at light+building in Frankfurt (March 3-8, 2024). As configurable systems for specific tasks, they offer an extended range of functions compared to conventional automation solutions, enable more efficient operation and reduce the complexity of the solution. For automation with distributed intelligence, Grundfos offers pressure boosting systems for drinking water supply, wastewater lifting stations, pump motors and mixing loop solutions which are prepared for BMS connection and can also be controlled without BMS via a cloud solution.

When developing new solutions, Grundfos takes the approach of integrating essential components such as sensors, intelligent control options and communication interfaces into its pump systems. As preconfigurable subsystems, they simplify design and installation, provide extensive data for optimizing operation and can be seamlessly integrated into building automation. As an example, Grundfos will be presenting the all-in-one mixing loop solution Mixit at light+building. It integrates all mixing loop components (except for the secondary pump) into its control unit. The solution provides up to 170 data points from pump and mixer and already has all the necessary interfaces for connecting to building automation systems on board. In addition, the mixing loop operation can also be monitored and optimized without BMS via the Grundfos BuildingConnect cloud solution.

"The trend in building automation is moving towards distributed intelligence with dedicated controllers that work as a system within a system and are far superior to conventional automation," says Benjamin Maibaum, Regional Lead Digital Product Specialist at Grundfos. "This is exactly what our solutions are designed for. They simplify the work of planners, installers and EICA technicians and offer the best control options via BMS or our cloud solutions."

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