

Flygt APP 521

Monitoring and control for small to medium size pump stations



Engineered for life

A robust unit for easy and efficient control

APP 521 is a good example of our continuous efforts to always offer the most reliable solutions for monitoring and control of cost-effective and efficient pump stations.

Our products are built on years of experience and in-depth knowledge, which has made us a leading provider of monitoring and control solutions for handling water and wastewater.

APP 521 is a robust and easily managed pump controller that can simplify and improve your daily routines.

A robust controller for small to medium size pump stations

APP 521 is a robust pump controller for two pumps, with or without alternation. It can be used as stand-alone controller or integrated with existing networks. It can easily be installed in your existing control panel.

APP 521 is also intended for installation in existing stations without pump controllers where external hardware as contactors, current sensors and level sensors are present.

The pump control features are carefully chosen for easy monitoring and maintenance. In addition, four general inputs enable you to configure optional features for the specific pump station. The following features are included:

- Maintenance pump run
- Automatic alternation
- Start and running time counters
- High and low alarm
- Automatic sensor check
- Relay output for combined alarm
- Communication
- Emergency operation
- ATEX (EX) operation
- Overflow
- Power failure
- Personal alarm
- Rain
- Alarm log
- Random start level
- Max running pumps
- Max run time

Easy to use

The development of APP 521 has been based on a desire to find a system defined by simplicity, both in construction and function. APP 521 has a robust design, suited for water supply and sewer systems.

APP 521 also offers extremely easy menu handling. In fact, anyone who can use a mobile phone can master APP 521! The compass rose navigator is a great step towards simplified monitoring and control as it doesn't require any training to use. It's extremely "hands-on".



The DIN rail and front panel installation makes APP 521 easy to assemble as there is no need to use screws; simply mount the unit on the rail which has two interconnected parts, one DIN-rail mounted I/O module and one front mounted Master module. It's just as easy to remove. It doesn't take more than a couple of minutes to change units. User-friendliness has indeed been a guiding principle in the development of APP 521.

Communication based on your needs

SMS text



Higher level system (SCADA)

Compass rose for easy menu handling

Indication status/alarm

Remote control

When connecting the APP 521 to Flygt's SCADA (Supervisory Control And Data Acquisition) system AquaView, you can remotely read status, alarms and operational data. You can also remotely control the pump and change set points.

The connection can be made via radio, telephone lines or cellular communication.

Safe and cost effective operation

Together with a SCADA system APP obtains full control of the operation of your pump station. Mandatory service and pump station visits, reporting and compiling of data and statistics will be reduced to a minimum. As potential problems can be identified and corrected before they become critical, there will also be fewer emergency calls. APP 521 definitely contributes to a reliable and cost effective operation.





ITT

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