

Flygt APP 500

Monitoring and control for small to medium size pump stations



Engineered for life

motralec

4 rue Lavoisier . ZA Lavoisier . 95223 HERBLAY CEDEX
Tel. : 01.39.97.65.10 / Fax. : 01.39.97.68.48
Demande de prix / e-mail : service-commercial@motralec.com

www.motralec.com

A robust unit for easy and efficient control

Flygt APP 500 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.

Flygt APP 500 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

Flygt APP 500 is a robust pump controller for one to four pumps, with or without alternation. It is available as stand-alone or with communication as an option and can easily be installed in your existing control panel.

Flygt APP 500 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 controller has features such as calculation of pump capacity and flows that are carefully chosen for easy monitoring and maintenance. In addition, eight general inputs enable you to configure optional features for the specific pump station. The settings can be performed directly on the front panel.

Here are some of the available features with the Flygt APP 500:

- Alarm log
- Start and running time counters
- Alternation of pumps
- High and low level alarm
- Power failure
- Personal alarm
- Pump capacity calculation
- Flow calculation
- Overflow measurement
- Random start level
- Max running pumps
- Dry run protection

Easy to use

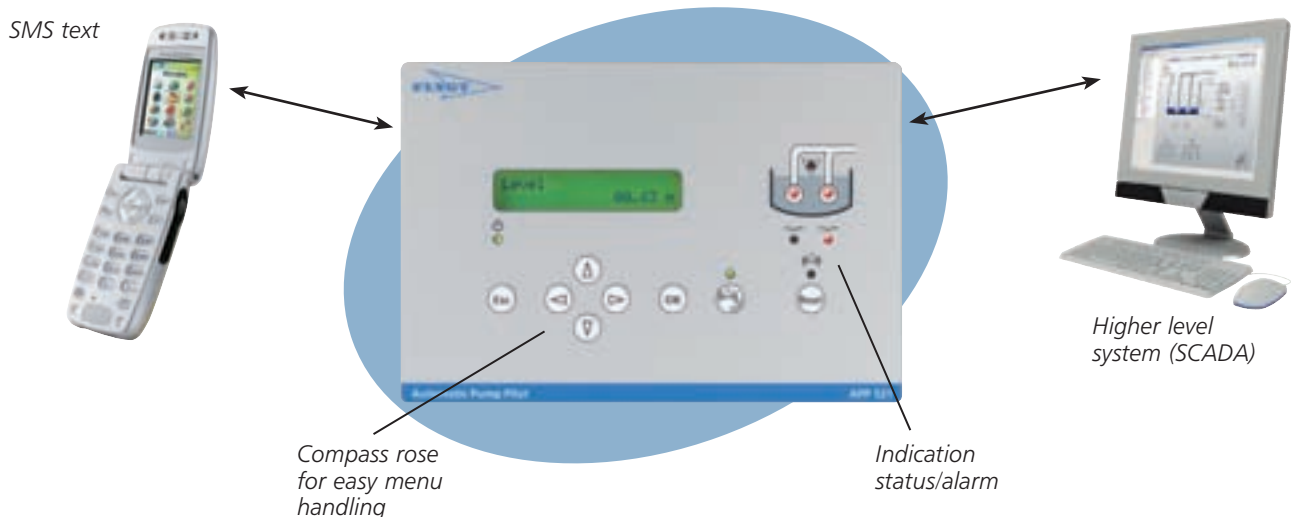
The development of Flygt APP 500 has been based on a desire to find a system defined by simplicity, both in construction and function. Flygt APP 500 has a robust design, suited for water supply and sewer systems.

Flygt APP 500 also offers extremely easy menu handling. In fact, anyone who can use a mobile phone can master Flygt APP 500! 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 Flygt APP 500 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 Flygt APP 500.

Communication based on your needs



Remote control

When connecting the Flygt APP 500 to ITT Water & Wastewater's SCADA (Supervisory Control And Data Acquisition) system Flygt 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 GSM 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. Flygt APP 500 definitely contributes to a reliable and cost effective operation.





What can ITT Water & Wastewater do for you?

Integrated solutions for fluid handling are offered by ITT Water & Wastewater as a world leader in transport and treatment of wastewater. We provide a complete range of water, wastewater and drainage pumps, equipment for monitoring and control, units for primary and secondary biological treatment, products for filtration and disinfection, and related services. ITT Water & Wastewater, headquartered in Sweden, operates in some 140 countries across the world, with own plants in Europe, China and North and South America. The company is wholly owned by the ITT Corporation of White Plains, New York, supplier of advanced technology products and services.



WEDECO



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