

# Flygt MyConnect

MODULAR MICRO CONTROLLER FOR WATER AND WASTEWATER

**Flygt MyConnect is an integrated control unit for controlling pump stations within water and wastewater. Flygt MyConnect offers multiple connectivity options with the ability to function as either a controller or an RTU in a SCADA system.**

With easy expansion using extra I/O modules, Flygt MyConnect is perfect for optimizing energy consumption, as well as providing intelligent pump supervision, data and event logging. Via the WiFi and the SmartPhone app the user has easy access to a pump station information without the need for a display.

## Flexible - You can get exactly the unit you want

- SmartPhone app via built-in Wifi - Can easily be expanded with a display
- Easy to configure - Many predefined applications/uses
- Minimum I/O on the RTU gives a cost-effective and small unit - Can easily be expanded with more I/O:s
- Built-in effortless communication with GSM-GPRS modem.
- Can easily be expanded with other modems- Can communicate with flow meters, for example Flygt Magflux or VFD via Modbus.

## Special features and application

- Modular design - Flygt MyConnect's modular design allows flexible installation with other Flygt MyConnect units or other remote-connected signal converters.
- Both analog and digital - You can achieve more accurate measurements by using a digital pressure transmitter (Modbus) which Flygt MyConnect can accept.
- Advanced communication - Provides a built-in GSM/GPRS communication modem as standard for transmitting data or messages using the Cellular phone network. Also possible to use an external modem.
- Easy configuration - Simple set-up of application (for example a 2-pump waste water pump station) using a PC with the PC program Flygt MyConnect Link. Easy connection via USB or built-in WiFi.
- User-friendly interface - Wi-Fi access allows use of the free smartphone app to monitor or change start/stop levels, force start/stop and block pumps etc. Or use a display mounted in the panel front.



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- Optimal energy usage - Flygt MyConnect has numerous functions to control and optimize energy consumption. Set points for starting and stopping the pumps can be adjusted remotely by the central computer in the SCADA system to optimize energy usage.
- Modular installation - Flygt MyConnect is modular and is mounted on a DIN rail, to simplify installation of additional I/O modules.
- Flexible implementation - With a wide range of I/O modules, Flygt MyConnect can be configured to be simply an alarm status device or with the full functionality of a multi-variable process control PLC.
- Overflow function - Calculates overflow - Provides storm flow calculation with time, numbers and volume.
- Advanced logic function - Uses logic control functions for individual controls, combination of alarms etc. according to your specific requirements or needs.
- Always running - Built-in charger for back-up battery ensures continued power to the Flygt MyConnect for up to several hours during power outages.

## Flygt MyConnect

Power supply	11-30 V DC / 24 V AC
Battery backup	Built-in battery charger includes supervising an external battery, (2 - 30 Ah)
Ports	1 x Modem (Quad-Band EGSM 850/900/1800/1900 MHz) or 1 x RS-232/485 galvanically separated Built-in WiFi, 802.11b/g 2 x RS485, 1 x USB, 1 x MMCX, female, for antenna
Communication	Modbus® RTU-mode, AquaCom™ or COMLI®
Data logging	Up to 10 x 36.000 logs
Unique functions	Iphone/Android app via WiFi Sump cleaning Built-in modem
Standard I/O	6 Digital inputs, 2 Digital outputs, 3 Analog inputs. Max. 32 DI, 32 DO, 16 AI and 16 AO via expansion modules.
Temperature	- 20 to 60 °C / -4...140°F
Enclosure	IP 20
Approvals	CE, cUL, UL



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