



Flygt FGC pump controller

ROBUST AND FLEXIBLE CONTROL FOR SMALL PUMP STATIONS

One unit, one mission: complete control

The Flygt FGC is a compact and robust, single or dual pump controller for systems up to 5,5 kW that you can modify and accessorize according to your pump station's specific needs. The affordably priced FGC controller is perfect for small residential areas in almost any location and is ideal for pressurized sewage systems

Features such as display, communication, outdoor cabinet or other accessories can be added as needed. A built-in heater exemplifies our dedication to meeting user needs.

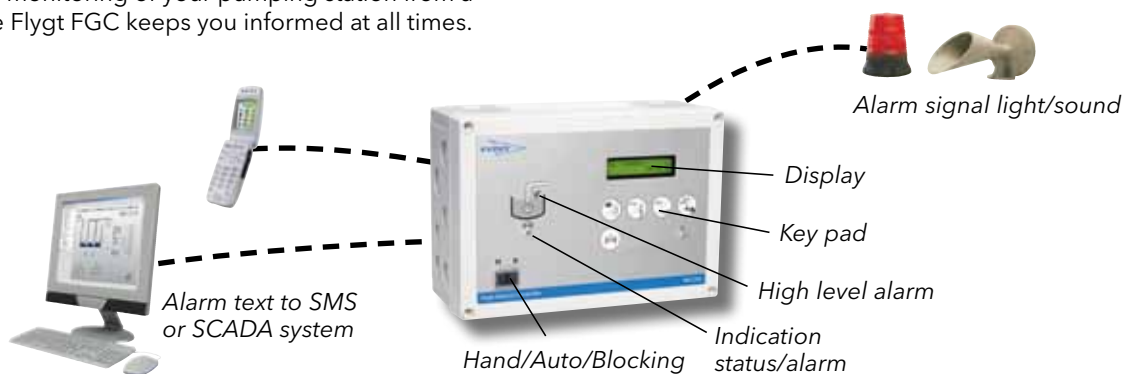
Stay connected to your pumping station

For constant monitoring of your pumping station from a distance, the Flygt FGC keeps you informed at all times.

Depending on your station's individual needs, data is provided via LON, GSM, telephone line or radio.

Alarms are displayed locally in the alarm log and are instantly delivered via SMS or to a SCADA system. The Flygt FGC generates an alarm in various situations as part of pump monitoring. For example, an alarm may be caused by high pump motor temperature or by an internal monitoring function.

Together with a SCADA system, you can expect reduced operational costs and total control of your entire pumping station.



Pumping features

Motor protection

Built in overload protection and supervision of net and phase failures.

Pump starting and stopping sequences

Menus to specify the pump operating sequences, for example alternation.

Maintenance run

For safe operation of the mechanical seals in the pump.

Manual/Auto control blocking

Automatically/manually blocked pump operation in the event of a pump fault.

Supervision of level sensor

To detect sensor failures.

EX-mode

For EX classified environment. To prevent the pumps from starting if no liquid is detected in the sump.

Backup control

A backup function intervenes to start a pump when receiving a high level signal from the high level switch.

Starting and power on delay

To prevent the pumps in an installation from starting simultaneously to limit the total start current.

Stopping delay

Allows the pump to empty the sump completely and prevent unpleasant odour in the sump.

Flexible level control

Works together with both pressure and level switches.

Flexible range



	FGC 300, S	FGC 300, L	FGC 200, S	FGC 200, M
Size (HxWxD)	180x255x100	400x300x180	130x180x85	255x180x100
Application				
<4,5 kW at 400 V	●	●	●	●
<5,5 kW at 400 V	● ¹	● ¹	–	–
1-pump	●	●	●	●
2-pump	●	●	–	–
Display	●	●	●	●
No display	●	–	–	–
Communication	Optional	Optional	–	–
Extra space for breakers	–	●	–	●
Accessories	● ²	● ²	● ³	● ³

¹ Only single pump running over 4,5 kW at 400 V

² (FGC 300) Communication module, high performance battery, hand held terminal, hour counter, high level sensor, relay card, LON, audible alarm unit, cast bell, pneumatic level sensor

³ (FGC 200) High level sensor, audible alarm unit, cast bell, pneumatic level sensor

Accessorize with Flygt products

No one knows your stations better than you.
Choose from a long list of helpful accessories.



FGC Term hand terminal

Cast bell and LTU301 pneumatic sensor

LON Coupler, Repeater and Gateway

Plug-in module:

Relay card, 4 digital outputs, indicates alarms. LON Module, communication in LON system. Communication module, communication via modem to SCADA or SMS.

Xylem ['zīləm]

- 1) The tissue in plants that brings water upward from the roots
- 2) A leading global water technology company

We're 12,000 people unified in a common purpose: creating innovative solutions to meet our world's water needs. Developing new technologies that will improve the way water is used, conserved, and re-used in the future is central to our work. We move, treat, analyze, and return water to the environment, and we help people use water efficiently, in their homes, buildings, factories and farms. In more than 150 countries, we have strong, long-standing relationships with customers who know us for our powerful combination of leading product brands and applications expertise, backed by a legacy of innovation.

For more information on how Xylem can help you, go to xylem.com.



Flygt is a brand of Xylem. For the latest version of this document and more information about Flygt products visit www.flygt.com