



GP(M)-1

Pump (mixing-valve) control unit

Reliable control of pumps and mixing valves is indispensable to control the flow of water. The GP-1 controls a 1-phase or 3-phase pump flawlessly and can be operated either manually or automatically. The same applies to the GPM-1 pump-mixing-valve control system, which is primarily used in heating networks. This controls both the pump and a 24 or 230 Vac mixing valve.

Universally applicable

This generation of GP(M) pump controls is characterised by its universal applicability for the entire flow range, which makes thermal protection unnecessary. Furthermore, these products are characterised by universal operation and multiple control options, which are tailored to the software environment.

This fits perfectly with our product philosophy, which is based on simplicity, reliability and ease of use.

The GPM-1 and GP-1 are suitable for pumps with a motor current of up to 10.0 Ampere. The motor current is measured in 2-phases, is adjusted via a potentiometer and can be read out via the versatile Service Display. The control units are equipped as standard with a lockable maintenance switch, manual operation with push buttons, current measurement and an NC contact input for temperature protection of the pumps. The computer control runs via 24Vac/dc.

Why choose GPM-1:

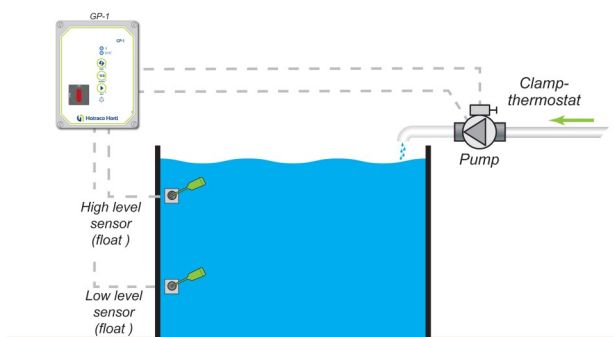
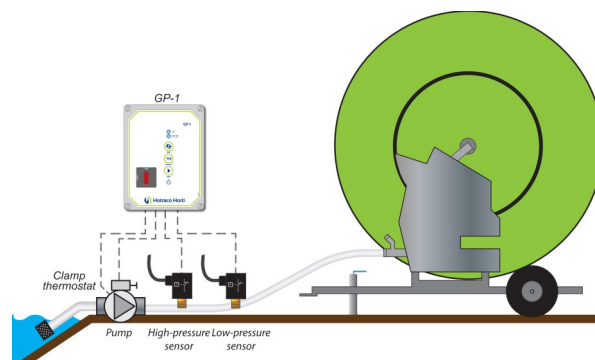
- Universally applicable for the full current range (max. 10A)
- Can be connected & read out with service display
- Easy to use
- Reliable



Models

The GP-1 pump controller and GPM-1 pump-mixing valve controller are available in single-phase 230V and 3-phase 230V or 400V versions.

Other supply voltages are available on request. Both can be operated manually or automatically.



Read out via service display:

- Pump/mixing valve status
- Set/actual pump motor current
- Operating hours pump and mixing valve
- Number of pump and mixing valve circuits
- Number of pump overloads

