Kwikstart Logikos M7 Controller

Purpose built pump control, protection and diagnostics

The Logikos M7 is purpose designed as a dedicated pump management system, combining precision control, pump protection and diagnostics in one unit. It suits installations across sewage, effluent, stormwater and potable water transfer.

Operational modes are configurable for tank fill or tank empty, with one or two pumps, in alternating single pump or dual pump operation. Level inputs accept float, probe, ultrasonic or pressure transducer signals.

The M7 can be mounted on an internal door or built into a powder coated steel waterproof enclosure, a custom aluminium or stainless enclosure, or a full municipal pump control centre. Modbus communication and alarm dialler systems are available.

KEY FEATURES

- Digital Liquid Level Display
- Text Fault Displays With Current and Previous Alarms
- PIN Protected Configuration Menus

PRODUCT APPLICATIONS

- Commercial and Industrial Stations
- Municipal Pump Control Centres
- Domestic Installations
- Sewage, Stormwater and Potable Water Transfer

DISPLAY AND OPERATION

- Two Line Back-Lit Text Display
- Push Button Alarm Reset and Pump Operation
- Adjustable Probe and Float Switch Sensitivity
- Controller ID Numbering for Site Identification



PUMP PROTECTION AND DIAGNOSTICS

The M7 guards against the faults that take stations offline. Supply, motor condition and pump behaviour are monitored continuously, with automatic shutdown or changeover the moment a fault is detected. Run data is logged throughout, giving a clear picture of station health over time:

- Three Phase Supply Monitoring
- Anti-Cycle Start Limiting
- Dry Run Protection
- Pump and Reflux Choke Protection
- Automatic Changeover on Fault
- Service Indication and Run Logging

The result is a station that protects itself. Faults are contained before they cause damage, and the run record tells operators exactly where to look when service is due.



Logikos M7 shown in a pedestal mounted sewage pump controller enclosure.