

# SIRIO



## INVERTER FOR ELECTRIC PUMP CONTROL

- Electronic device for the electric pumps control based on **inverter technology**.
- It controls the starting and stopping of the electric pump and modulates the motor rotations according to the water request from the system.
- **Constant pressure** due to motor pump speed regulation.
- **Energy saving** due to less pump absorption.
- Gradual pump start and stop reduces hammering and avoids breakaway starting current.
- **Protection against dry running** in event of water shortage on the suction.
- **Automatic reset** in event of dry running, with autonomous error condition recovery.
- Efficient **leakage monitoring** to protect pump in event of repeated restarts.
- Digital pressure display.
- Motor **over current control**.
- Operation/error status signalling via LEDs and on-screen alerts.
- Operation in master/slave configuration into twin booster sets.
- Double set point with remote control option.
- Remote start and stop of electric pump.
- Rotation direction inversion via software (it does not require wiring alterations).
- Extractable terminals to facilitate wiring.

**APPLICATIONS:** Electronic flow and pressure devices, Variable speed drivers for constant pressure control, Dry running protection



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