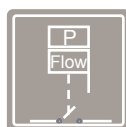


Digimatic

Automatic digital pump-driver for electric pump integral control and protection.

The DIGIMATIC is a compact device for the automatic control and protection of electric single-phase pumps up to 3 HP (2,2 kW). This unit includes all the characteristics and functions of the traditional electronic pump controllers: electronic flow sensor, integrated accumulation membrane, integrated check-valve, warning led-lights in electronic circuit that guides the electric pump operation and keeps pressure and flow accordingly.

Moreover, it has an internal pressure transmitter and instantaneous current sensor, providing additional features: the starting pressure can be adjusted with high accuracy, there is a digital pressure gauge and over-current protection adaptable to each pump.



OPERATING CHARACTERISTICS

- Pump managed by power relay.
- Accumulation membrane and Integrated check-valve.
- Dry-running protection.
- Digital pressure gauge (bar and psi).
- Inner pressure transmitter
- Inner flow sensor.
- Inner current sensor with instantaneous digital reading.
- Overcurrent protection.
- Stand-by mode.
- ART function (Automatic Reset Test). If the device has been stopped due to the action of the safety system against dry operation, the ART tries to connect the pump, with a programmed periodicity because the water supply could have been restored.
- Control panel includes 2 digits display.

TECHNICAL CHARACTERISTICS

| | DIGIMATIC |
|---------------------|---------------------------|
| Voltage | 1~ 115-230 V (multiVolt.) |
| Frequency | 50/60 Hz |
| Maximum Current | 30 (16) A |
| Power | 2,2 kW |
| Maximum Pressure | 8 bar |
| Start Pressure | 0,5 ÷ 4 bar |
| Protection degree | IP65 |
| Maximum temperature | 60 °C |
| Net weight | 1,3 kg |
| Maximum flow | 8.000 l/h |

CONTROL PANEL



Control panel includes 2 digits display, warning leds, push-buttons, START-STOP and configuration system.

SAFETY SYSTEMS

- Control and safety system against overloads.
- Electronic control and safety system against dry-running operation.
- Control and safety system against short-circuit between output phases.

DIMENSIONS

