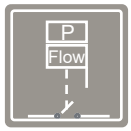
Digimatic 1
Digimatic 2 complet pump protection

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 (only Digimatic 2), 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.



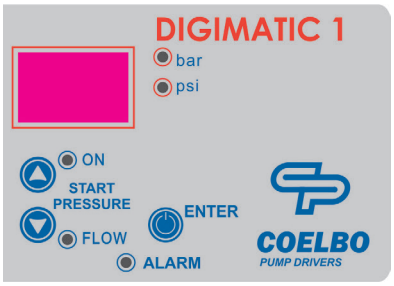
DIGIMATIC 1

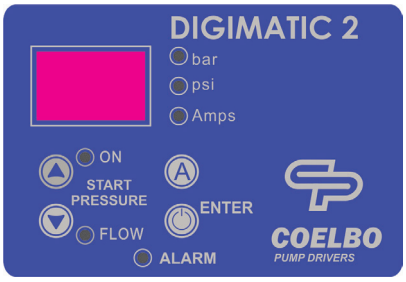
DIGIMATIC 2

OPERATING CHARACTERISTICS

- Pump managed by power relay.
- Accumulation membrane and Integrated non-return 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 (only type DIGIMATIC 2).
- 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 3 digits display.

CONTROL PANEL



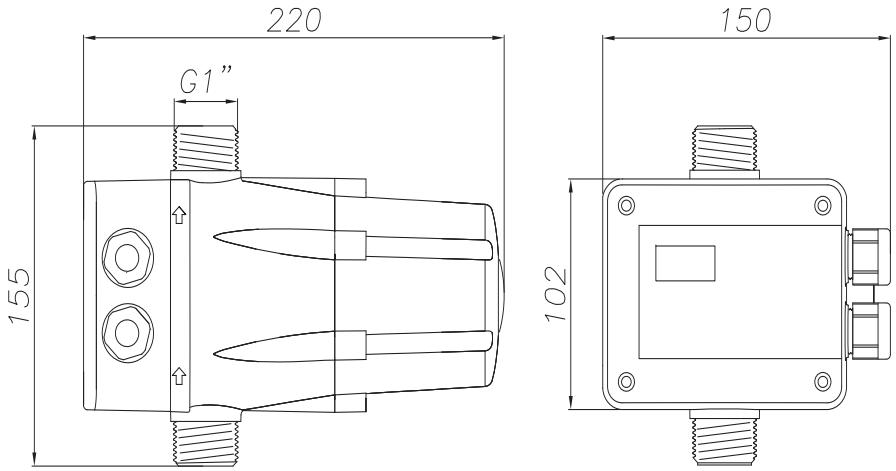


Control panel includes 3 digits display, warning leds, push-buttons, START-STOP and configuration system.

TECHNICAL CHARACTERISTICS

	DIGIMATIC 1	DIGIMATIC 2
Voltage	1~110-230 V (multiVolt)	1~110-230 V (multiVolt)
Frequency	50/60 Hz	50/60 Hz
Maximum Current	16 A	16 A
Power	2,2 kW	2,2 kW
Maximum Pressure	8 bar	8 bar
Start Pressure	0,5 ÷ 4 bar	0,5 ÷ 4 bar
Protection degree	IP65	IP65
Maximum temperature	60 °C	60 °C
Net weight	1,3 kg	1,3 kg
Maximum flow	8.000 l/h	8.000 l/h

SAFETY SYSTEMS

- Electronic control and safety system against dry-running operation.
- Control and safety system against short-circuit (Digimatic 2).
- Over-current protection adaptable to each pump (Digimatic 2).

DIMENSIONS AND INSTALLATION