

# HC4

## Automatic digital pump-driver



### Automatic digital pump-driver G 1 1/4". On-Off and pressure-dependent mode.

The HC4 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: flow sensor, integrated accumulation membrane, integrated check-valve, warning led-lights. It can operate in pressure dependent mode (cut-in and cut-out pressures) or on-off mode (start pressure and stop by no flow).

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.

# hydroo®

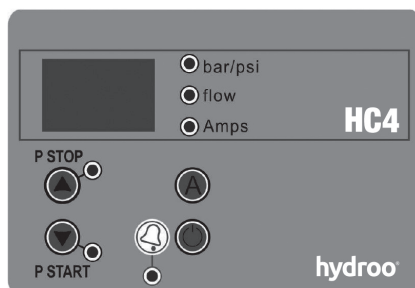
## Operating characteristics

- Pump managed by power relay.
- Accumulation membrane and Integrated non-return valve.
- 2 operating modes: pressure-dependent or on/off mode.
- Dry-running protection, overload and minimal pressure.
- 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 3 digits display.
- Inlet and outlet G 1 1/4".

## Technical specifications

<b>Voltage</b>	1 ~ 110-230 V (multiVolt)
<b>Frequency</b>	50/60 Hz
<b>Maximum current</b>	16 A
<b>Power</b>	2,2 kW
<b>Maximum current</b>	8 bar
<b>Start pressure</b>	0.5 ÷ 7 bar / 7 ÷ 102 psi
<b>Stop pressure</b>	1 ÷ 8 bar / 14 ÷ 116 psi
<b>Protection degree</b>	IP65
<b>Maximum temperature</b>	50 °C
<b>Maximum flow</b>	10.000 l/h
<b>Net weight</b>	1,3 Kg
<b>Inlet and Outlet threads</b>	G 1 1/4"

## Control panel

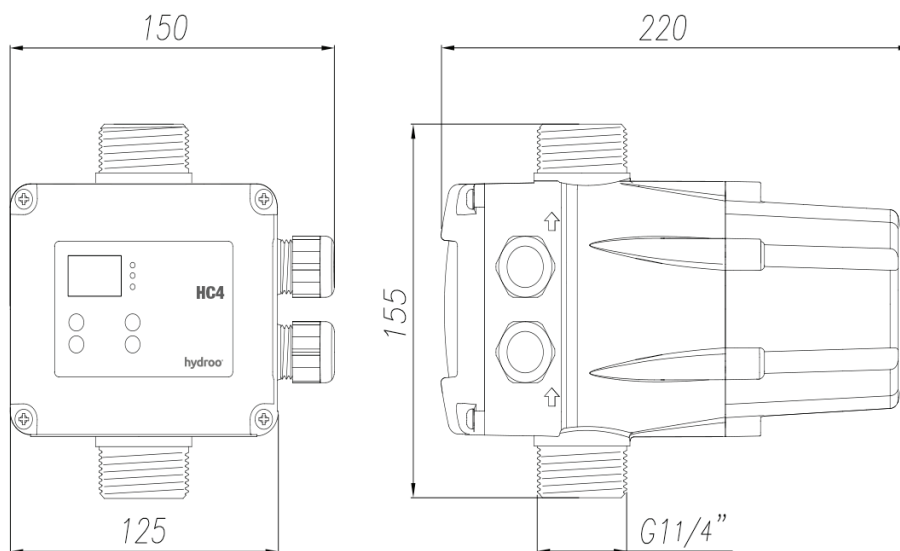


Control panel includes 3 digits display, warning leds, push-buttons, START-STOP and configuration system.

## Safety systems

- Electronic control and safety system against dry-running operation.
- Minimal pressure alarm.
- Over-current protection adaptable to the pump.

## Dimensions



## Installation

