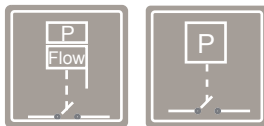


# Onematic

Driver for a single-phase or three-phase pump at On-Off or pressure&flow-dependant mode.

Compact automatic control device for the automation of either single-phase and three-phase pumps. The system manages the start and stop of the pump depending on the detected pressure by its internal transducer and the flow detected by the flow sensor. It can operate in pressure dependent mode (start pressure and stop pressure) or on/off mode (start pressure between 1÷5 bar and disconnection by the flow sensor).



**111310**



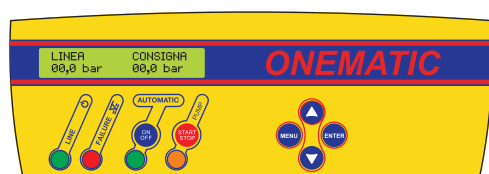
## OPERATING CHARACTERISTICS

- Pump manager by power delay.
- 2 operating modes: pressure-dependent or on/off 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.
- Automatic restore system after an interruption of power supply. System restores the previous state keeping the configuration parametres.
- Electronic input for detection of minium water level in aspiration tank- optional-. This system is independent of the safety against dry-operation.
- Inner current sensor with instantaneus digital reading.
- Inner pressure transducer with digital indicator.
- Control and information panel with LCD display.
- Register of operational controls. Infomation about: operating hours, counter of starts, counter of connections to the power supply.
- Register of alarms. Information about type and number of alarms since the starting up of the device.
- Volt-free contact for monitoring the alerts displayed in screen, which were caused by irregularities or problems within the system.
- Protection fuse incorporated.

## TECHNICAL CHARACTERISTICS

	111310
Power supply voltage	~1 x 230 / ~3 x 230 / ~3 x 400 Vac
Frequency	50/60 Hz
Max. current per phase	16(10) A
Max. peak of current	+20% 10seg.
Maximum operating pressure	10 bar
Range of start pressure (On/Off mode)	1 ÷ 5 bar
Max. stop pressure (pressure depends mode)	7 bar
Max. start pressure (pressure depends mode)	6,5 bar
Protection degree	IP55
Max. water temperature	40 °C
Max environment temperature	50 °C
Net weight (without cables)	3,3 kg
Inlet and outlet threads	G 1 1/4"
Max flow	15.000 l/h

## CONTROL PANEL



Control panel includes LCD screen, warning leds, push-buttons, START-STOP, AUTOMATIC and configuration system.

## SAFETY SYSTEMS

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

## DIMENSIONS

