

Speedmatic 1314

Driver for a single three-phase pump with variable speed, it can be communicated to other identical devices managing a maximum of 4 pumps.

Three-phase pump managed by INVERTER. General electrical supply is 400 Vac. It can be mounted individually (only one pump) or in groups of 2, 3 or 4 pumps communicated and operating in mode MASTER-SLAVE with alternated sequence of operation. The communication of 2 devices is direct using cables. The communication of 3 or 4 units is carried out through the communication center SPEEDCENTER.



1314 MASTER

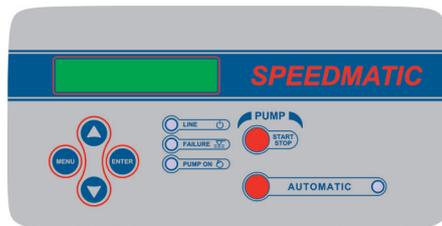
OPERATING CHARACTERISTICS

- Main pump managed by frequency converter (inverter).
- ART function (Automatic Reset Test). If the device has been stopped due to the action of the safety system against dry-running operation, the ART tries to connect the pump, with a programmed periodicity because the water supply could have been restored.
- Possibility of being mounted next to other identical devices -up to 4- operating in mode MASTER-SLAVE. The group will be formed by a main device configured like MASTER and the rest of devices configured like SLAVES. The operating system is alternated, the device configured as MASTER is the responsible of the control but it doesn't imply that is first in starting up when there is flow demand in the network.
- Automatic restore system after an interruption of power supply. System restores the previous mode keeping the configuration parameters.
- Volt-free contact for monitoring the alarms displayed in screen originated by irregularities or problems of the system. This option is only on one-phase devices.
- Electronic input for detection of minimum water level in aspiration tank- optional-. This system is independent of the safety against dry-running operation.
- Inner pressure transducer with digital indicator.
- Inner current sensor with instantaneous digital reading.
- Control and information panel with LCD screen.
- Register of operational controls. Information 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.
- Open PID in the expert menu

TECHNICAL CHARACTERISTICS

	1314
Power supply voltage	~3 x 400 Vac
Frequency	50/60 Hz
Max current per phase	14 A (~3 x 400 Vac)
Max operating pressure	16 bar
Range of set pressure	0,5 ÷ 12 bar
Protection degree	IP55
Temperatura máxima del agua	40 °C
Temperatura ambiente máxima	50 °C
Net weight (without cables)	5 kg
Inlet thread	G 2" M
Outlet thread	G 2" F
Max flow	25.000 l/h

CONTROL PANEL

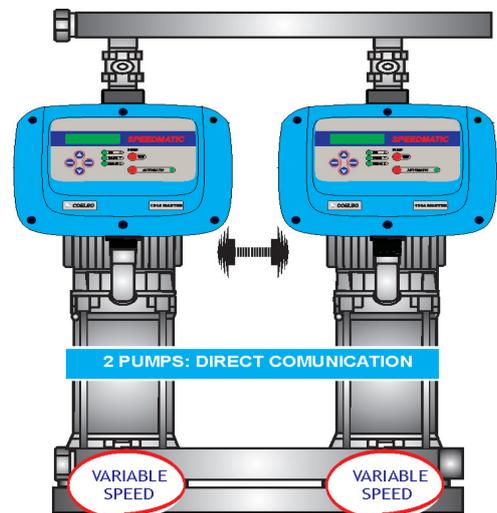
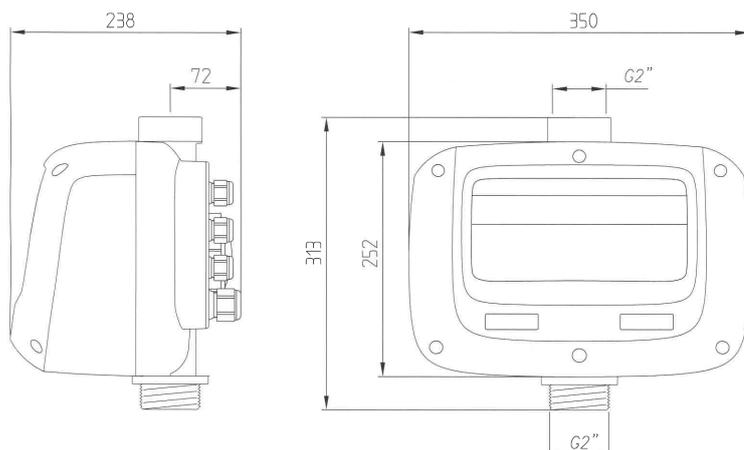


Control panel includes LCD screen, warning leds, push-buttons, START-STOP, AUTOMATIC and configuration system.

SAFETY SYSTEMS

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

DIMENSIONS



Coelbo Pump drivers