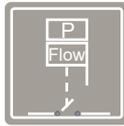


Optiplus

Automatic Device for electric pump integral control. G 1 1/4" - low pressure loss.

Optiplus is a compact device for the automatic control and protection of electric pumps, its patented system includes special electronic sensor of flow and pressure, integrated in electronic circuit that guides the electric pump operation and keeps pressure and flow accordingly. Moreover, it has a safety system to avoid the dry-running operation.

Optiplus replaces traditional systems with hydrosphere, pressure-switch, check-valve and level switches, with the advantage of smaller dimensions and avoiding periodic maintenance. The unit automatically starts the electric pump when any point of use is open and stop it –after a 10 seconds programmed time– when closing the consumption point.



Optiplus

OPERATING CHARACTERISTICS

- Inlet and outlet thread G1 1/4".
- No maintenance.
- Installation time saving..
- Protection against water hammer effect.
- Compact and reduced dimensions.
- Removal of protecting devices (level switches).
- Avoids the pump oversizing using integrately their flowpressure curve.
- Integrated protection system which stops the pump in case of dry-running operation.
- **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:
 - Yellow Led POWER.
 - Green Led ON.
 - Red Led FAILURE.
 - Tactile push button for manual start.
- Electronic circuit group with protection cover easily replaceable.
- Integrated accumulation system, spring-membrane set, preventing pump's cycling as a result of dripping taps or small losses in the hydraulic installation.
- Other options like pressure gauge, connecting cables, adjustable starting pressure.

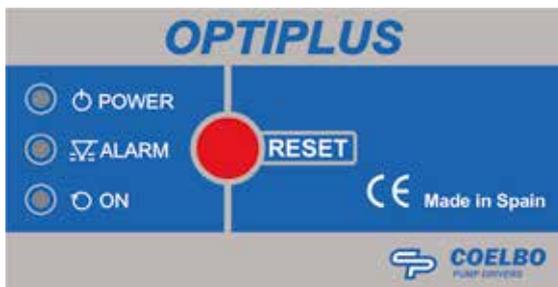


Low Voltage Directive 2014/35/EC
Electromagnetic Compatibility 2014/30/EC
RoHS 2011/65/EC + 2015/863/EC

TECHNICAL CHARACTERISTICS

	OPTIPLUS
Start pressure	1,5-3 bar
Power	2,2 kW
Voltage	1~230 V/1~120 V
Frequency	50/60 Hz
Max peak of current	16 A; $\cos \phi \geq 0.6$
Protection degree	IP65
Maximum temperature	50 °C
Maximum pressure	10 bar
Maximum flow	10.000 l/h
Net weight (without cables)	1,35 Kg

CONTROL PANEL



INSTALLATION



DIMENSIONS

