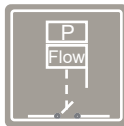


Controlpump

Automatic Device for electric pump integral control

The **Controlpump** are 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.

Controlpump replaces the system of hydrosphere, pressure-switch, check-valve and level switches, with the advantage of smaller dimensions and periodic maintenance elimination. 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.



Controlpump F12

Controlpump F15

Controlpump F22

Controlpump R

OPERATING CHARACTERISTICS

- 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 again dry running operation.
- 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, adjusting starting pressure, etc
- EMC and electrical safety certified.



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

TECHNICAL CHARACTERISTICS

	F12	F15	F22	R
Start pressure	1,2 bar	1,5 bar	2,2 bar	1,5-2,5 bar
Power	1,5 kW	1,5 kW	1,5 kW	1,5 kW
Voltage	1~230 V / 1~120 V	1~230 V / 1~120 V	1~230 V / 1~120 V	1~230 V / 1~120 V
Frequency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Max peak of current	10 A; $\cos \phi \geq 0.6$	10 A; $\cos \phi \geq 0.6$	10 A; $\cos \phi \geq 0.6$	10 A; $\cos \phi \geq 0.6$
Protection degree	IP54	IP54	IP54	IP54
Maximum temperature	50 °C	50 °C	50 °C	50 °C
Maximum pressure	10 bar	10 bar	10 bar	10 bar
Maximum flow	6.000 l/h	6.000 l/h	6.000 l/h	6.000 l/h
Net weight (without cables)	1,15 Kg	1,15 Kg	1,15 Kg	1,15 Kg

DIMENSIONS AND INSTALLATION

