



MASCONTROL

12 V

ELECTRONIC DEVICE FOR THE CONTROL AND PROTECTION OF THE PUMP

Starts and stops the pump depending on opening and closing of the taps.

Stops the pump in case of a water shortage and protects it from dry running.

No need for an expansion tank, check valve, filter or fittings.

Maintenance free.

TECHNICAL FEATURES

Single-phase mains voltage	12 Vdc
Acceptable voltage fluctuation	+/- 10%
Current max.	20 A
Power max.	0,18 kW (0,25 HP)
Protection degree	IP 65
Operating pressure max.	12 bar
Operating temperature max.	65°C
Minimum flow	~1 l/min
Male connections	Gc 1"

CONTROL PANEL

SIGNALING OF THE WORKING PHASES AND ANOMALIES

	POWER ON	Green led on	Device energized
	PUMP ON	Yellow led on	Pump running
	FAILURE	Red led blinking	Water shortage
	RESTART	Button	Reset after failure

INSTALLATION AND STARTUP

The device can be installed directly on the pump or between the pump and the first tap.

Make all the electrical connections, check that the pump is correctly primed, open a tap and energize. The green led Power on will light up on the control panel and the pump will start (yellow "Pump on" led on) and will keep running for several seconds to pressurize the system. If this time is insufficient, the device will stop the pump (red "Failure" led blinking). Press and hold down the Restart button until the red Failure led turns off and the water comes out of the open tap. When the tap is closed, the pump will stop after a few seconds (yellow "Pump on" led turns off). From now on, the device will turn the pump on and off depending on the opening and closing of the tap. In case of water shortage, the device will stop the pump and protect it from dry running (red "Failure" led blinking). In case of a temporary blackout, the device will automatically rearm once the electricity returns.

On request, the device can be supplied with:
- Version with Gc 1"1/4 male connections.


Made in Italy
