



Made in Italy

LOGICPRESS ST

COMPACT PRESSURE FLOW SWITCH

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

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

Can be installed on surface and submersible pumps.

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




Maintenance free.

TECHNICAL FEATURES

	LOGICPRESS <i>ST</i>	LOGICPRESS <i>ST PLUS</i>	LOGICPRESS <i>ST PLUS T</i>
Single-phase mains voltage	230 Vac	115/230 Vac	115/230 Vac
Acceptable voltage fluctuation	+/- 10%	+/- 10%	+/- 10%
Frequency	50/60 Hz	50/60 Hz	50/60 Hz
Current max	8 A	8 A	8 A
Power max at 115 V	—	0,55 kW (0,75 HP)	0,55 kW (0,75 HP)
Power max at 230 V	1,1 kW (1,5 HP)	1,1 kW (1,5 HP)	1,1 kW (1,5 HP)
Protection degree	IP 65	IP 65	IP 65
Operating pressure max	10 bar	10 bar	10 bar
Operating temperature max	60 °C	60 °C	60 °C
Minimum flow	~1 l/min	~1 l/min	~1 l/min
Male connections	Gc 1"	Gc 1"	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
	RESTART	Button	Reset after failure

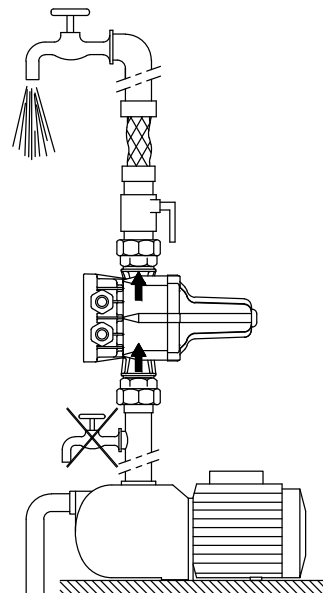
INSTALLATION AND STARTUP

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

Make all the electrical connections and energize.

From now on, the device will turn the pump on and off depending on the opening and closing of the tap.

In case of a temporary blackout, the device will automatically rearm once the electricity returns.



SELECTION OF THE DEVICE WITH THE CORRECT RESTART VALUE

Refer to the following table to choose the device with the correct restart value suitable to the characteristics of the system. Standard restart value is 1,5 bar. On request, restart values different from the standard are available as indicated in the table.





 RESTART PRESSURE	0,8 bar	1,2 bar	1,5 bar	2,2 bar	3 bar
 FLOORS NUMBER	2	4	5	7	10
 BUILDING HEIGHT (H)	8 mt	12 mt	15 mt	22 mt	30 mt
 MAX PUMP PRESSURE	min 2 bar	min 2,5 bar	min 3 bar	min 3,5 bar	min 4,5 bar

LOGICPRESS *ST PLUS*

Logicpress *ST PLUS* is equipped with the red Failure LED to signal water shortage.

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 on	Water shortage
	RESTART	Button	Reset after failure



LOGICPRESS *ST PLUS T*

Logicpress *ST PLUS T* is equipped with automatic restarts and anti-jamming function. Can be energized with either 115 V or 230 Vac.

AUTOMATIC RESTARTS

In case of stopping due to a water shortage, the devices will automatically make 10 double attempts to rearm over the 24 hours following the failure, each lasting approximately 5 seconds to allow the pump and the system to reload if possible. The user can try to rearm the devices at any time by pressing the Restart button.

ANTI-JAMMING FUNCTION

If for any reason the pumps remains idle for 24 consecutive hours, the device will start of the pump for about 5 seconds without affecting the normal operation of the pressure set. In case of a temporary blackout, the pressure set will automatically rearm once the electricity returns.