

# FLUX

*Single phase electronic flow switch.  
It automates the operation of a pump by sensing the  
water movement. Requires natural flow by gravity.*

IP 65  
enclosure

3 PIECES UNION  
integrated

NON-RETURN VALVE  
built-in

TROPICALIZED  
electronic board

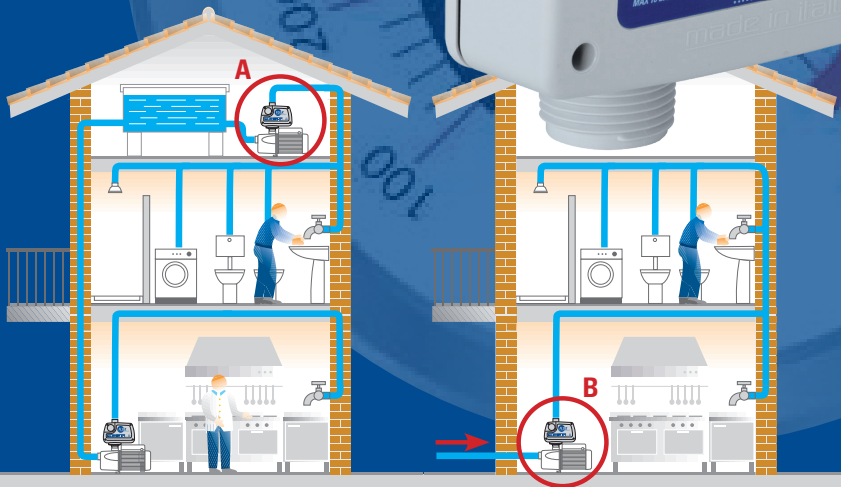


**ELECTRONIC CONTROLS**

OVERPRESSURE  
resistent

FREE POSITIONING  
Vertical, horizontal  
or at any angle

DRY run protection  
With auto-reset



Roof tank installations

Basement installations  
(aqueduct)

# DG FLOW

*FLUX starts and stops the pump  
on which it is installed, conveniently replacing the  
traditional pressure switches/autoclave systems.*

## OPERATION

FLUX is an electronic pump control specifically designed to automate the start / stop of BOOSTER pumps.

When opening a tap, thanks to the pressure present in the system, even with the pump stopped, a small flow is created; as soon as it exceeds the cut-in flow rate FLUX it detects the flow and starts the pump, ensuring the necessary pressure in the system.

In case of leakages (small continuous flow rates lower than cut-in flow rate) FLUX does not start the pump, avoiding unnecessary energy consumption.

## TECHNICAL DATA

- Voltage: 230/110 Volt a.c.
- Frequency: 50-60 Hz
- Maximum current: 12/16 A
- Protection degree: IP 65
- Operating Temperature: 0 - 65 °C
- Connections: 1 "BSP / 1" NPT
- Working / bursting pressure 10 Bar / > 40 Bar

## ADVANTAGES

Thanks to its high-performance check valve, FLUX is able to **start the pump at very low flow rates** (1-2 l / min).

- FLUX can be installed **horizontally, vertically or in any position** respecting the flow direction.
- FLUX **protects the pump from dry running, with auto-reset.**
- FLUX is equipped with **tropicalized electronic board**
- FLUX is equipped with **status LEDs and a stop and reset button.**
- FLUX **does not require any maintenance.**

## FEATURES

**Tropicalized electronic board.** Easily replaceable, available in versions with:  
- voltages: 220 V / 110 V  
- frequencies: 50 Hz / 60 Hz  
- currents: 12 A / 16 A



Housed in the **IP 65 enclosure**, easy to access for wiring, it is tropicalized for **absolute protection against humidity.**

**Spare Parts:**  
- Electronic board 12 A  
- Electronic board 16 A  
- Check valve unit

## FEATURES

**3 PIECES UNION integrated**



Avoiding the need of expensive 3 pieces unions.

**NON-RETURN VALVE built-in and inspectionable**



Avoid the need to install one

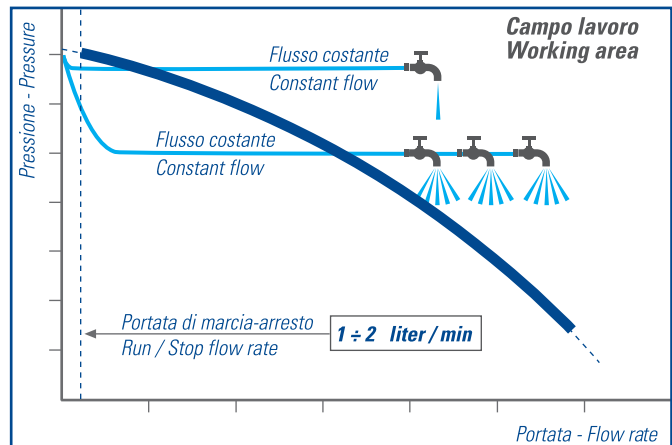
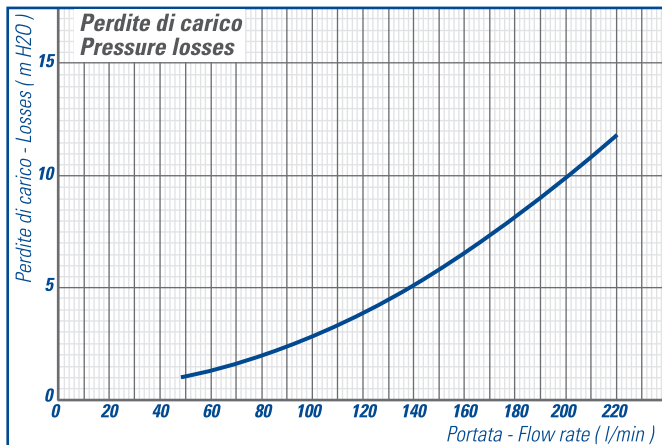
**PRESSURE GAUGE easy-to-add**



OPTIONAL: it can be added anytime.

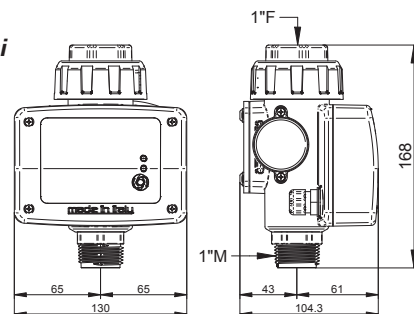
## Simplicity of use.

A single button and 2 LEDs that indicate, with different colors and flashes, the status of the pump (presence of voltage / pump run / alarm status).



	Max. Current I max (A)		Voltage Frequency Volt / Herz
	12	16	
FLUX FL 12	•		•
FLUX FL 16		•	•

## Dimensioni



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