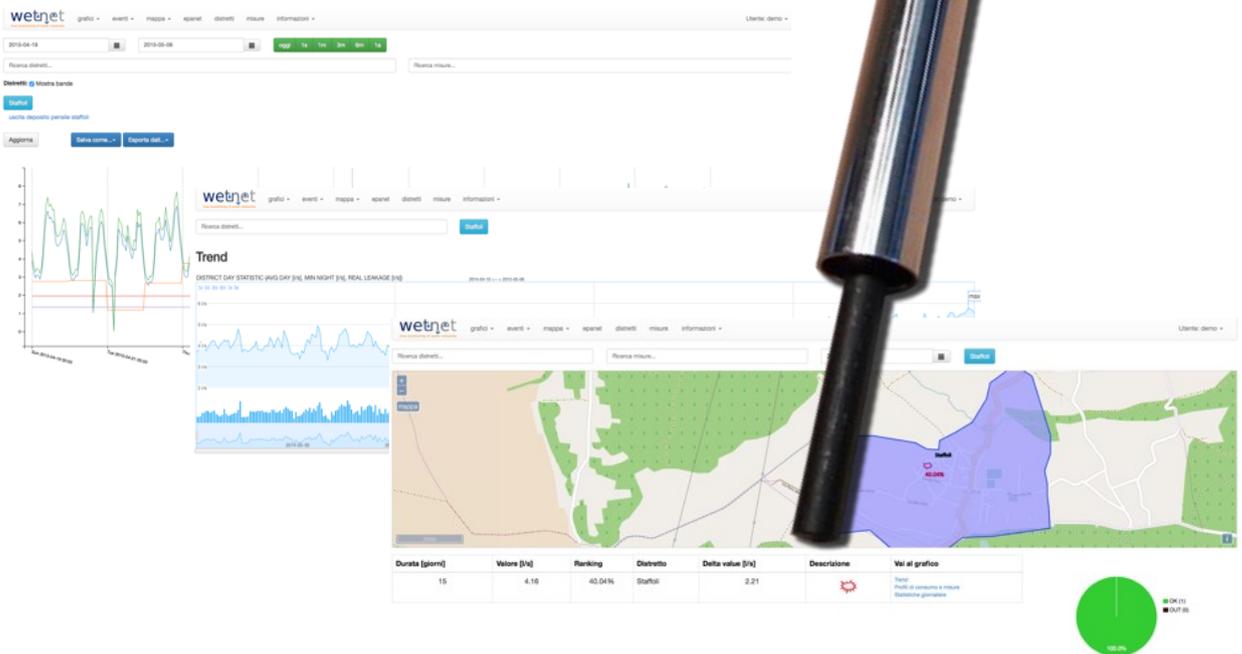
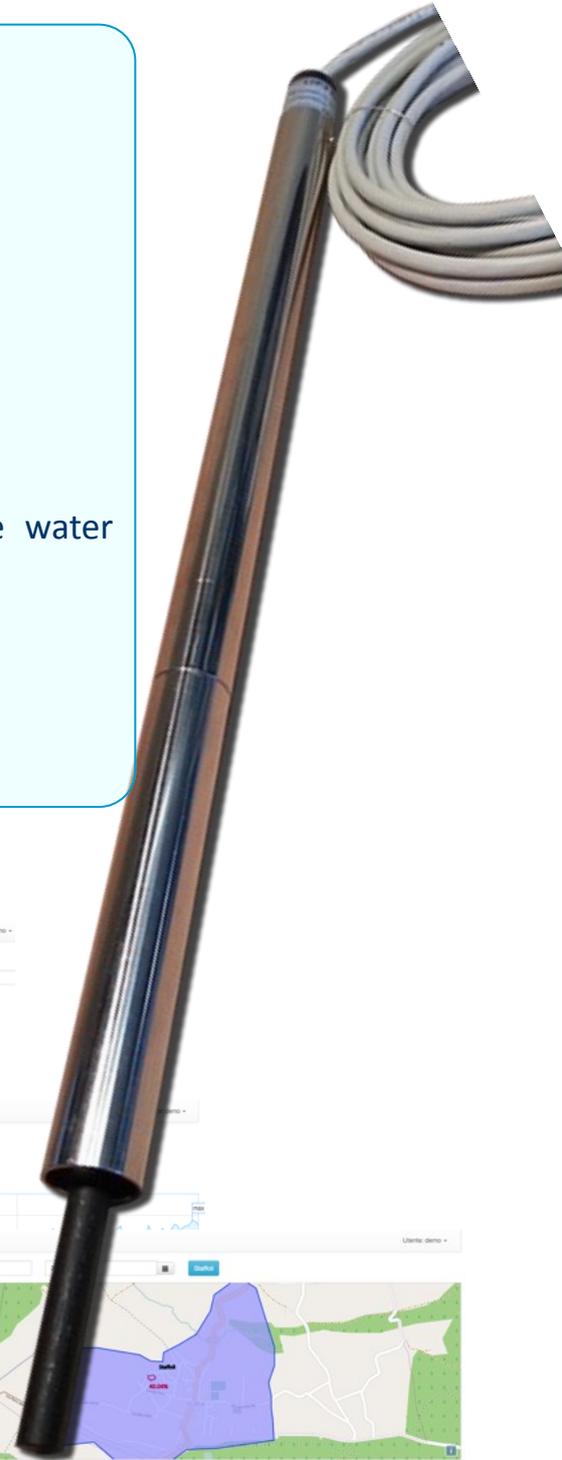


Wetnet Pulse Flowmeter



- Load cell technology
- Battery powered
- Bidirectional insertion flowmeter
- Measuring range from 0,1 to 1,8 m/sec
- Open collector outputs for RTU
- RS-485 programming interface
- Hot tap insertion without interrupting the water flow
- Waterproof to IP68



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Funcion

The **WPF** flowmeter is an instrument created specifically for low-power applications and is essential in the monitoring of the water grids. It offers a good accuracy and precision of measurements.

Created for the districtualization of water grids, its low cost and simplicity of installation make it interesting also for general applications.

The installation requires simples hydraulic operations and the insertion, setup and activation can be performed without interrupting the water flow.

The setup and control software helps the user in setting operations in order to optimize the operation of the instrument according to the specific need water flow.

Main application

- Districtualization of water grids
- Pressure monitoring
- Low cost flow measurement

Benefits

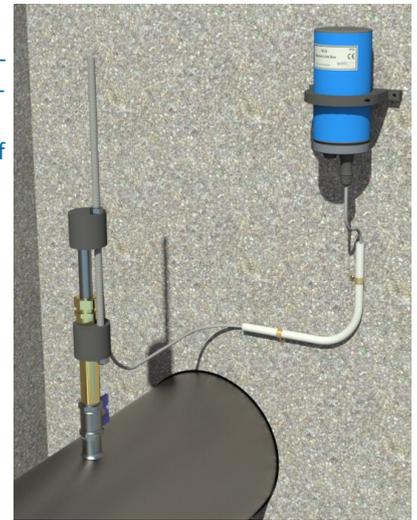
Low installation costs up to 90% compared to the Full-Bore meters (e.g.: Wolmann).

Cost of the meter independently of the pipe diameter where it is inserted.

Minimal cost of installation and expenses electrical connection reset.

Great reliability derived from the simple construction.

It can be interfaced to all remote control systems / telemetry. No restrictions derived from the physical/chemical properties of the fluid and electromagnetic interference (it is not necessary to ground).



Main features:

Instrument type	Flowmeter bi-directional
Materials	Body: stainless steel Inox AISI316
Pipe range size	From DN 80 to DN 2000
Nominal pressure	PN16
Range of use	0,1 - 1,8 m/sec
Accuracy	Better than the 5% on reading in the 70% of measuring range
Precision	Better than the 4% on reading in the 70% of measuring range
Power supply	3.6Vcc (lithium battery)
Power consumption stand-by / sampling	Less than 5mW / less than 30mW
Open collector outputs	n. 2: speed and flow direction
Max output frequency	30 Hz
Min period between reading	2 sec
Interface	RS-485 for configuration and data exchange, Modbus protocol
Operation / stock temperature	-10÷45°C / -20÷60°C
Housing degree of protection	IP68