

DETERMINE REMOTELY:

- The amount of treated water
- Whether the pump is running or not
- The right time to service your pump - save time on travel

EASY CONNECTION
for data transmission



Dry contact, motor cycle pulse transmitter connected to the data logger*.



It is fitted to the bleed valve and detects when the pump motor is in the up position, indicating one motor piston cycle.

Like a switch, it closes the circuit and makes contact with a data logger.

One motor cycle corresponds to a volume with a given hydraulic motor capacity, which enables us to determine the volume and/or flow rate.

*Not supplied



DOSATRON®

Because life is powered by water®

DOSATRON APP
Your daily assistant



**Clack
n' Track
Range**



**D3WL
D9WL
D30WL**

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Case study



The Context and the Challenge

In the rural commune of Caussade, the local water company, SAUR, was faced with a major challenge: insufficient residual chlorine levels were compromising the quality of drinking water for local residents. The considerable distance between the treatment plant and the water tower, as well as the lack of electricity on site, exacerbated this problem of under-chlorination.

An Innovative Solution

To overcome this challenge, SAUR turned to DOSATRON® technology and its D9WL3000IE water-powered pump, an independent and sustainable chlorination solution that does not require electricity. This choice proved crucial in this rural environment.

On-site Intelligence

The pump is fitted with a dry contact sensor, a device that, when coupled with an autonomous data logger, converts every pulse from the dosing pump into valuable data. The data logger, which transmits the information to the monitoring software, provides detailed analysis and displays it in the form of flow curves, making it easier to monitor and manage the drinking water supply.

Benefits and Impact

Thanks to this new technology, water network operators can now benefit from regularly updated information on the treatment of drinking water: monitor daily flow rates, check the pump's operating status and optimise the planning of on-site visits and maintenance operations.

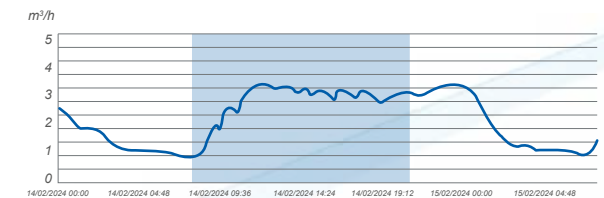
“ Thanks to the connectable pump system, I don't make useless visits anymore. My pump is remotely monitored, I know the perfect moment to do maintenance. ”

Jacques Malirat, Installation Manager



Caussade water tower

Installation with a D9WL3000IE



Fluctuation curve for water consumption per defined period
Curve generated from the Dosatron® connectable pump

