

PUMPING SYSTEMS - OPERATING PART ALONE

- 1 aluminium frame with casters
- 1 bottom tank of 150L
- 2 top tanks (transparent sides) each with:
 - 3 float level sensors
 - 1 multiple turn draining valve
 - 1 overflow safety system
- 2 three-phase motor pumps 230/400V (1hp). Safety device for no load pumping and reversal of rotation direction. Equipped with 2 multiple turn valves.
- 1 console equipped with 2 Harting® industrial connectors grouping the wiring of the motor pumps and all-or-nothing level sensors

ref. HYDRO-OP



OPTIONS

FLOWMETER (INCLUDING ON HYDRO-1 AND HYDRO-3)



ref. HYDRO-DEB

This option is driven by the controller (PLC) and the supervision software. It allows to display the real flow according the position of one of the valves

The controller (PLC) processes the signal 4-20mA for an easy supervision.

ALL OR NOTHING FLOW SENSOR



ref. CO-DEB

Detects water flowing in the PVC pipe of the circuit. An NO or NC contact at the sensor output sends information to a PLC or a contactor.

Features

- Can be fitted in any position
- PVC connection Diam: 40mm to be stuck on
- Switchable, potential-free contact
- NO or NC 1A/230VAC
- Electrical connection via a DIN connector

FLOW INDICATOR WITH FLOAT

A moving float in a transparent tube indicates the pump's water flowrate in cubic meter/hour

Features

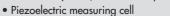
- Upright fitting
- Measuring scale: 0.6 to 6 cubic meter/hour
- Ascending fluid
- Float and stop
- PVC connection Diam: 40mm (to be stuck on)

ref. FLO-DEB



HYDROSTATIC PRESSURE SENSOR

This option, supported by the PLC and the monitoring program, measures the water level. The monitoring screen displays the levels in the tanks proportionally to the pressure. Possibility to install 2 sensors, one on each tank (Basin / Water tower).



- Scale precision +/- 0.5%
- 4-20 mA



ref. HYDRO-NIV