

Float Switches



MAC 3 - Electromechanical level regulator

The **MAC3** level regulator is a float switch which allows electrical equipment to start and stop automatically (usually pumps, but also electric control valves, alarms, etc.) when a prefixed level has been reached. The most essential characteristic of this product is its high reliability and its shape which has no edges, for which it is particularly suitable for sewage water.

Also of great interest is the fact that it is made with a double liquid proof chamber which assures the maximum reliability of the inside mechanism.



KEY The best selling level regulator all over the world

The **KEY** level regulator is a float switch which allows electrical equipment to start and stop automatically (usually pumps, but also electric control valves, alarms, etc.) when a prefixed level has been reached.

It is highly reliable thanks to a multiple closure device on the fairlead. This is the most universally used float switch in the world for the automation of pumps and is used directly by pump producers. The models with cable 3X1 or cable 4G1 can be used for the filling or emptying function according to the cables that have been connected. The models with 3G1 cable (with ground) or UL cable are set for one function only, and that is for filling or emptying.

SMALL- little and powerful

The **SMALL** level regulator is a float switch which allows electrical equipment to start and stop automatically (usually pumps, but also electric control valves, alarms, etc.) when a prefixed level has been reached.

The most essential characteristics of this device are that it is small, highly reliable, and with a high switching potential since it is equipped with micro-switches that have high commuting features 21(8)A -250V or 20(6)A -400V/ 10(8)A - 250V. In the first case, you will find that the external marking is 10(8) A - 250V whereas in the second case, 10(6)A -400V/ 10(8)A -250V. Model 53 with a 3X1 output cable can be used for the emptying or filling function according to the cables that have been connected. For the other models, at the moment of making the order, it is necessary to specify which function is required



QUICK STOP Instant closure hydraulic regulator.

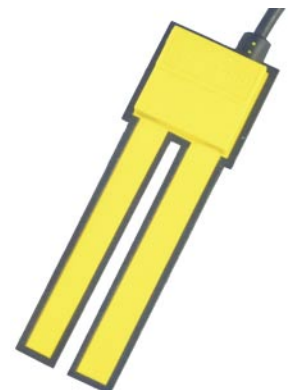
QUICK STOP is a hydraulic level regulator of advanced design that eliminates the classic defects of such devices.

Its main feature and an intrinsic part of the patent (Pat. FI/96/A/000083) is the speed of operation of the system which goes from open to closed and viceversa in a fraction of a second, avoiding long noise periods and the dripping due to choked filling.

Thanks to its servo-controlled closure device, a small float is sufficient for any pipe diameter and the closure strength increases as the entry piping pressure increases

REKA Capacitive level regulator

The **REKA 2000** level regulator is a device that provides level control in very small tanks. A capacity sensor is integrated in the plastic structure and this makes it suitable for a wide range of liquids. It can be operated by battery or electricity and thanks to an internal relay it is able to control pumps with up to 1 HP. It is easy to install near the pump itself thanks to two holes on the structure.



MIDSTREAM

Level Regulators



CONDUCTIVE LEVEL SWITCHES & CONTROLLERS

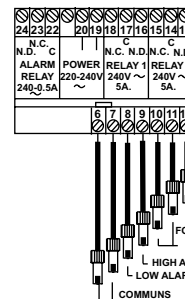
Electroprobe for DIN rail, at low, normal or high sensitivity

Elettrosonda Q ac, Elettrosonda Q dc

Elettrosonda M multivoltage

Elettrosonda DB with 5 control points

The electroprobes of the Q series, produced by MAC 3, are regulators of conductive fluid suitable for the minimum and maximum level control of deep well, tanks, cisterns etc. The operating principle is based on the detection, on the part of the control box, of the fluid resistance the level being controlled by means of special probes immersed in the liquid with the longest acting as a common element. When the level of the liquid inside the container or the well wets all three probes a relay is activated and subsequently deactivated only when the level descends, uncovering the



PRESSURE SENSOR - Submersible Level Transmitter

Sensor compatible with control systems with input voltage or current.

Output voltage 0.5 - 4.5 Vdc

Or current 4 - 20 mA (2 or 3 wires)

Housing in stainless steel or brass



SENSOPRESS - Direct read-out electronic level gauge regulator

Sensopress is a direct read-out electronic level gauge and high technology level regulator which can be used in drinking water, sandy water and liquid food products or, with, suitable installations, in dirty water and corrosive liquids.

EXPAND

Accessory to the Sensopress for increasing the number of control points.



SEQUENCER - Alternating Pump Controller

The Sequencer is a simple, low cost system to control the operation and change over of pumps in dual pump level or pressure control applications. Also, the Sequencer will cause both pumps to operate when one is insufficient to maintain the level or pressure of the system and in the event of a pump failure the Sequencer will automatically activate the second pump.



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