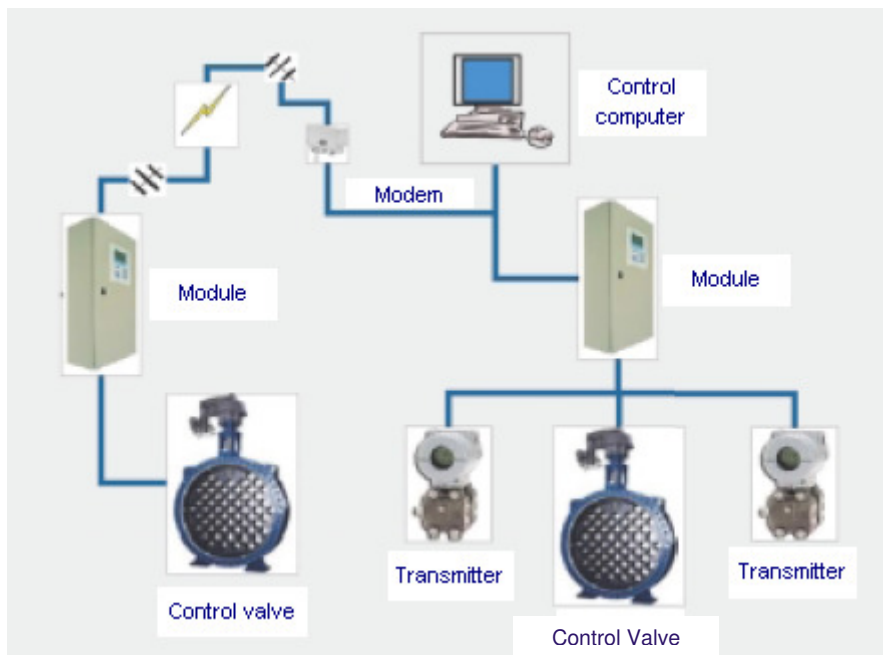


## REGULATORS CONTROLLERS

### Controller set and electronic regulation



Hydraulic net designers and operators, from irrigation, sewage and industrial installations, for example, need nowadays to control system, command and regulation with easy, trustfull implantation, as well as versatile operation.

Due to its operation quality characterized by accuracy and high performance in dealing with data, associated with implantation simplicity and operation, Regulator Controller of Hydrostec guarantees its application versatility to any type of valve, gate or other control equipment being activated by hydraulic electrical actuators,

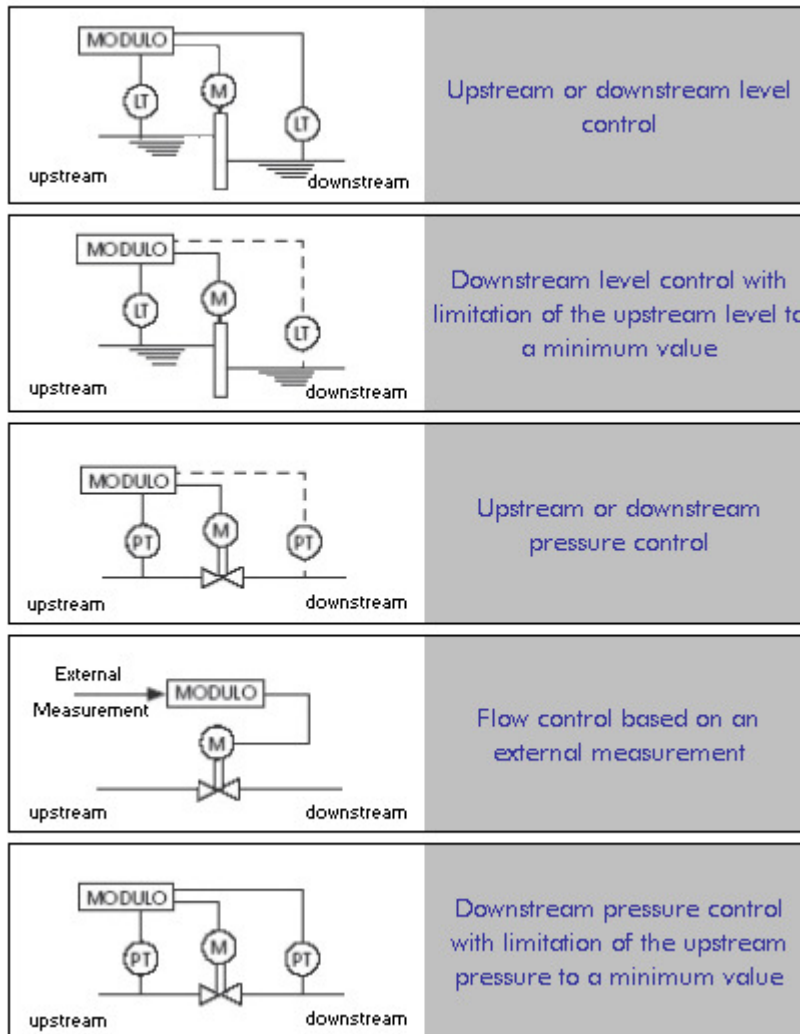
pneumatic and hydraulic.

Regulator Controller of Hydrostec is an equipment which purpose is to control, regulate and calculate program with a possibility of communicating in open protocol and great variety of E/S configurations. Its versatility is guaranteed with aplicative software integration appropriated with a possibility to program.

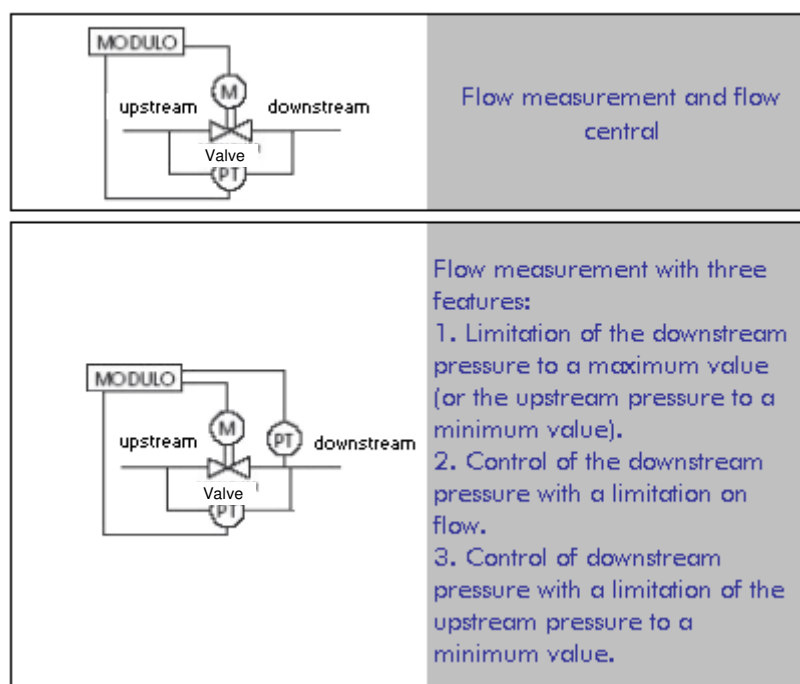
The solution can incorporate a man / machine interface with LCD 2 x 20 display, protection degree IP-65, being able to visualize data, parameter changes through keyboard and signalers. Regulator Controller of Hydrostec programmation is simple and accessible through any compatible PC computer.

According to the specified model, the equipment allows the visualization of all circuit parameters (pressure flow, level, temperature, opening degree, failures and others under consultation). Regulator Controller of Hydrostec allows easy interface equipped with measurement displays and some other control and process units, including communication resource through modern radio or telephone.

## A few examples of pre-programmed hydraulic control systems



### Regulator Controller associated with a Multijet Control Valve to form an autonomous automatic control system



### Main Characteristics

- Great variety of E/S configurations, allowing customization according to each necessity;
- Compact size and easy assembling, supplied with adequate protection to industrial environments;
- Possibility of communication net joining with open protocol (Profibus, Modbus, Ethernet) guided with supervision system and other processing and controlling equipment;
- Means of communication through drawings, optical fibers, modem radio, mobile phone or conventional phone;
- Standard optional control: interface local command equipment, LCD display and configurable mesh control. It permits digital and analogical signs duplication to monitoring or remote control;
- Advanced optional control: it includes all resources from standard control and additionally has open protocol communication unit, equipped with electronic sensors and self diagnosed systems, which can be directly connected with external communication net to remote control.