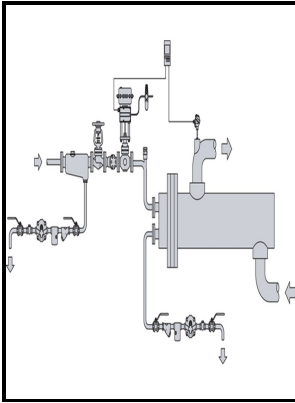


Relative performance of electronic and pneumatic controllers.

- - Fundamentals of HVAC Control Systems



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Controllers & Indicators

At the same time, the ECU increases injector pulse width to boost fuel flow accordingly. It is a very accurate meter and can be used for clean liquids and viscous liquids up to 100 centistokes. The position of the servomotor and hence the amount of air bypass is controlled digitally by the engine ECU.

Welcome to HydroQuip, Inc.

The diaphragm movement will move the valve spindle and also the flapper.

Regulators, Monitoring, Sensors and Flow Control

This sensor is the 2nd most important sensor in modern-day engines after the camshaft position sensor. Because point sensors do not look at the full flow, they read accurately only if they are inserted to a depth where the flow velocity is the average of the velocity profile across the pipe.

Regulators, Monitoring, Sensors and Flow Control

The valve disc or plug may be single or double seated and have any of a variety of shapes. The two most popular options are flameproof, FLP, and intrinsically safe, IS.

ECU ... Engine Control Unit .. Inputs & Outputs _ Explained

The specifying engineer must know if vibration or magnetic fields are present or possible in the area, if electric or pneumatic power is available, if the area is classified for explosion hazards, or if there are other special requirements such as compliance with sanitary or clean-in-place CIP regulations. It is normal in pneumatic service for the sensing element to be integral to the control element. Tuning Electronic Boost Controllers If you get into using electronic boost controllers there are a few things you might need to know to get everything tuned in perfectly.

The basics of pneumatic control valves

This can easily make the difference between winning and losing in a drag race.

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