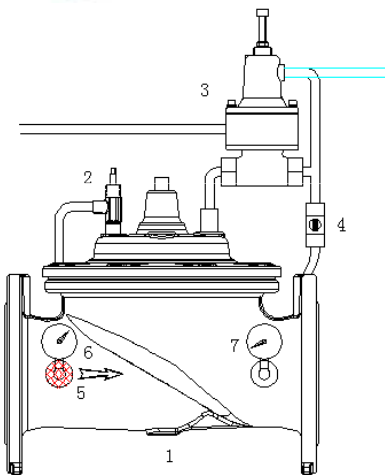


## Differential pressure Valve



The Model 800 Differential Pressure Valve is a hydraulically operated, pilot-controlled, modulating valve. It is designed to maintain a constant pressure differential between any two pressure points in a system where the closing of the valve directly causes the differential pressure to increase. The valve tends to open on an increase in differential pressure and close on a decrease in differential pressure.

In operation, the valve is actuated by line pressure through a pilot control system sensing from two points across which a differential is to be maintained. Operation is completely automatic and pressure settings may be easily changed.



Main valve  
Needle valve  
Differential pressure Pilot  
Ball valve  
Strainer  
\*Pressure Gauge  
\*Pressure Gauge

***Below are 2 typical application***

- A. Inlet isolation valve
- B. Strainer
- C. Differential pressure valve
- D. Outlet isolation valve

