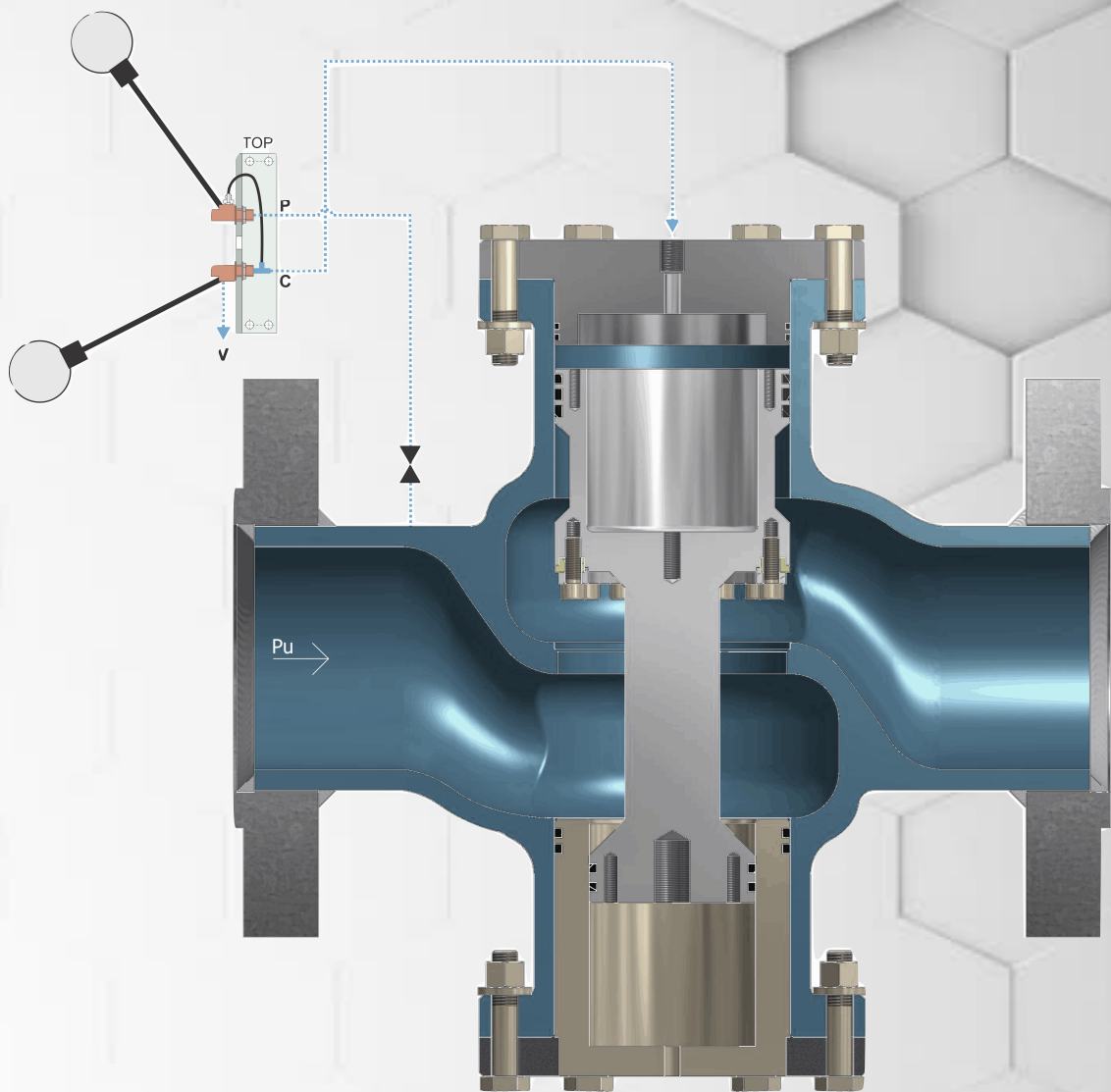


Hydrocore Limited Presents

Hydrocore™ Symmetrical Level Control Valve



Hydrocore™ Symmetrical Level Control Valve



AREAS OF APPLICATION

The Hydrocore™ reservoir level control valve controls the water level by opening or closing the valve on low or high level conditions in the reservoir. The valve can be actuated by the line fluid pressure or alternatively by compressed air, hydraulically or electrically. The valve is used in:

- Industrial Water Systems
- Municipal Water Supply Systems
- Pump Stations
- Mine Water Reticulation
- Petrochemical Plants

PRINCIPLES OF OPERATION

The Hydrocore™ reservoir level control valve's actuator is a natural and integrated part of the valve. This type of actuator is ideal for relatively clean line fluid. The line fluid pressure actuates the valve and no external power source is required. The piloting is done by a combination of solenoid valves and suspended type level switches, which are compatible with the line fluid and the system pressure.

NOTE

- The LCV stays closed while the water level lowers.
- The LCV stays open while the water level rises.
- The LCV closes on power failure occurrence.

