Intelligent
Wellhead Systems

Remote Valve Actuator™

Create Effortless & Safe Valve Control in Your Operation Using Remote Valve Actuators on Your Preferred PCE Provider Accumulator

The Remote Valve Actuator (RVA) is a pneumatic rotary vane actuator that utilizes inlet/outlet ports to introduce fluid or gas for movement. RVAs enable the remote control of an accumulator's valve handle, activating the valve when the accumulator is charged. RVAs are integrated into the Digital Valve Control (DVC) system as a straightforward add-on for PCE provider's accumulators, allowing operators to use their preferred PCE vendors. Convenient tablet interfaces placed in the data van, wireline logger or on the HMI by the accumulators facilitate visualization and control.

Valve Position Sensors (VPS) and Handle Position Sensors (HPS) ensure proper alignment of the accumulator handle and valve positions. Standard Operating Procedures (SOPs) or well configurations are carefully designed to ensure the proper valve sequences and safety interlocks are followed when using RVAs. Stakeholders enter their unique pin codes, which triggers an alert for other stakeholders to either agree or disagree with the configuration process to continue. Users can then “unlock” the valve in sequence and select to open or close the valve depending on the process chosen.

The inVision® HUB (iHUB) acts as the central computing point in the IWS systems with the Valve Control Module receiving instructions on which valve to actuate. RVAs, combined with handle and valve position sensors, assure operators that positions align during valve manipulation. Using RVAs in the DVC system reduces the time spent on SOP verification and valve actuation coordination among stakeholders and ensures correct, safe valve movement.

Value to your operation

- Increased Operational Efficiency
- Increased Accountability
- Increased Safety

Key Features	Manual Valve Movement	Remote Valve Actuation
Digital Safety Interlocks	✗	✓
Remote Control of Valve Movement	✗	✓
Digitally Integrated into Operations	✗	✓

To learn more or request a demo,
email **info@bettercompletions.com**

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