



◆ Valve positioning

VALVE POSITIONING



Valve Position Indicator



VPI for multi turn valves

The Netherlocks VPI for multi turn valves is the most reliable position indicator in the market for hand wheel operated valves.

The VPI uses a mechanical counter to convert a valve's open and closed positions to electronic signals. This ensures the accuracy of valve status signals sent to the control room.

- > Large range of switches and sensors can be applied
- > No drilling or welding of valve or actuator required for mounting
- > Installed on new and existing valves, even when under pressure
- > Suitable for explosion proof areas
- > No regular maintenance required
- > Easy resetting when valve end position changes due to wear and tear

In the process industry, awareness of the valve status is essential to avoid injury and equipment damage. The Valve Position Indicator sends a reliable remote signal about the position of multi turn valves to the control room.

The VPI overcomes traditional issues about mounting strength and signal reliability such as welded brackets and other instable constructions. Its mounting method and counter use well-tested and proven designs, which have been used successfully in Netherlocks mechanical interlocks for over 20 years.

- > Junction box included in standard design
- > Switches built into protective stainless steel housing
- > Large range of switches and sensors can be applied



- > Body, internals and coupling materials made out of stainless steel 316
- > Solid fixing to the valve by custom made coupling



VPI for actuators

The VPI detects the valve position independently from the valve position signal of the actuator, offering a second safety for position indication of critical actuated valves. The VPI for actuators is widely used by respected end-users in the oil and gas industry.

- > Housing made fully out of stainless steel 316
- > Custom designed to perfectly fit the specific actuator
- > Glass window for visual position indication
- > Can detect open, closed and intermediate positions





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Reliability matters



Process interlocking



Valve positioning



Partial stroke testing



Valve operation