



Flowserve ValveSight

for the Limitorque MX/QX



Optimization – not reaction

Continuous surveillance, proactive maintenance. The Flowserve ValveSight diagnostic solution provides enhanced monitoring features for facilities using Foundation Fieldbus and HART protocols for their digital communication networks, ensuring plant processes are up and running at peak levels.

With the ability to seamlessly integrate into a host control and/or plant asset management system, ValveSight proactively delivers actionable information on the health of your systems.

The power of ValveSight is the intelligent diagnostic engine, which is constantly monitoring behavioral patterns that may indicate a problem. Combined with the intelligent features of the MX and QX actuator families, the resulting package allows plant operators to fine tune their process control through use of the Proportional-Integral-Derivative (PID) function blocks and Device Specific Commands, as well as continually monitor the actuator health by way of Built-In-Self-Test (BIST) features.

The Limitorque MX and QX actuators utilize Flowserve ValveSight to monitor the status, alarms, and health of both the valve and actuator. Embedded predictive diagnostics provide an advanced warning of

pending problems, thus minimizing unscheduled plant shutdowns and loss of productivity.

The result is a paradigm shift in valve and actuator maintenance. When you are monitoring for the conditions that would lead to an alarm rather than reacting to alarms and optimizing your process rather than servicing broken actuators, you are putting your maintenance dollars where they deliver the most ROI.

Start optimizing, stop reacting.

Intuitive software made with the user in mind

Reduces commissioning time, maintenance and related operating costs

- Improves productivity by providing a user-friendly graphical interface
- Increases efficiency by enabling network users to communicate in real time with the device and monitor diagnostics information, including alarms
- Interfaces for offline and online parameterization, configuration, reading status and diagnostic data

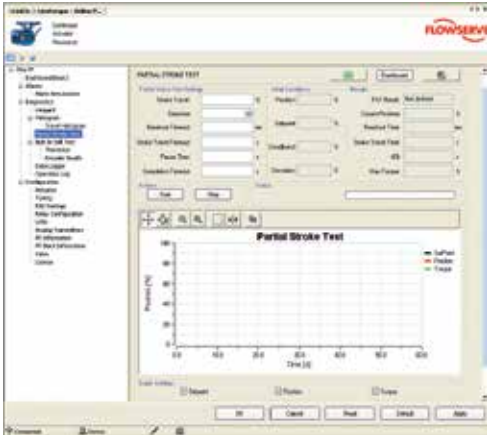


Experience In Motion



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Effortlessly compatible

ValveSight is based on open standards for integration and interoperability from the FDT Group, so you can rest assured that it will work with any FDT/DTM-compliant host or asset management solution.

ValveSight for the Limatorque MX/QX is interoperable with all major digital control systems and certified by the FDT Group.

FDT technology is independent from any specific communication protocol, device software or host system, allowing any device to be accessed from any DCS host through any protocol.

Easy to use

ValveSight was designed for busy people who don't have the luxury of spending time in a classroom. With minimal instruction, any user can quickly begin working with ValveSight and realize the benefits of a proactive maintenance strategy.

The graphical user interface offers these features:

- An intuitive navigation between functions
- Easily understandable names for views and parameters
- Online self-contained help functions and manuals to speed up the maintenance and repair process
- A common look and feel between different types of industrial valves and host systems

Since the end-user experience and functionality are consistent regardless of the host or asset management solution being used, ValveSight supports the development of company-wide best practices and methods across plants, further accelerating time to benefits.



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