

Fisher™ FIELDVUE™ DVC6200 SIS Digital Valve Controller

A safety instrumented system (SIS) helps mitigate risks posed by hazardous processes that involve toxic or highly flammable fluids. You rely on the SIS to protect against upsets or failures that might threaten worker safety, cause environmental concerns, or damage operating equipment.

The Fisher FIELDVUE DVC6200 SIS digital valve controller is capable of controlling the valve safety shutdown function and safely extending time between proof tests using partial stroke testing. It does this while monitoring the health of the entire valve assembly—minimizing risk for your plant and personnel.



Testing Flexibility



Online partial stroke testing enables longer runtime between proof tests that require unit shutdown.

The DVC6200 SIS instrument allows for more frequent testing while the valve is online, so you don't need to disrupt your process. Diagnostic tests can help identify stuck valves, friction changes, leaks, or other common valve issues.

Lower Cost of Ownership



Reduce failure points and overall cost of ownership with the built-in features provided.

The DVC6200 SIS instrument includes a position transmitter that qualifies for up to safety integrity level (SIL) 2 applications. This eliminates the need to purchase or maintain additional equipment, including limit switches or a valve position transmitter.

Proactive Maintenance



Fisher ValveLink™ software makes diagnostic data analysis and failure prediction easy.

Comparing current data to previous test values may identify a potential valve failure long before the valve quits working. With this knowledge, maintenance personnel can schedule repair activities rather than having to react to an unexpected valve failure.

Reduced Personnel Exposure



Valve testing from the control room eliminates the labor-intensive manual testing of emergency valves.

Trips to the shutdown valve are no longer required to conduct the SIS performance test. Valve diagnostic information can be accessed anywhere along the communication loop, reducing personnel exposure to hazardous environments or difficult to reach locations.

The Emerson Approach to Safety

When it comes to safety applications such as emergency shutdown, burner management, and fire and gas systems, Emerson's trained professional safety personnel and global project services organizations have the knowledge to perform process hazard analyses and risk assessments.

Third Party Certification



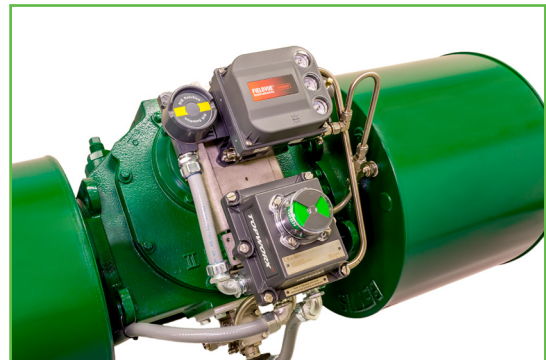
Successful product certification by a third party leads to a rigorous review of components for SIS.

FIELDVUE DVC6200 SIS instruments have been certified by exida® to be in accordance with IEC61508 for use in SIS up to SIL 3 applications. By evaluating devices per IEC and ISA standards, the exida certification process determines whether a product is fit for use in a specified safety application.

In addition to the certification, exida issues a report explaining how the product was tested and what application criteria must be met for the product to retain the certification. With the report, system analysts and designers can better understand how a product contributes to meeting the required risk reduction level.



To learn more, visit
Emerson.com/FisherDVC6200SIS



Lifecycle Services Support

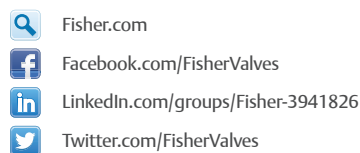


Depend on local experts and services for the lifecycle of your plant.

Emerson supports you with expertise, technology, and processes that can help your plant operate safely, improve asset reliability, and optimize process capabilities. Maintenance services keep your plant operating safely, consistently, and economically. Reliability services improve your asset integrity and preserve your investments. Performance services optimize your plant efficiency and help you achieve business goals.

FISHER™

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