

Instrumentation Valves

Integrated Sensing Platform (ISP) Overview

Intelligent Design Drives Reliable, High Performing Valve Sensing

The Integrated Sensing Platform (ISP) is the next generation of linear position sensing developed specifically for the toughest applications in the Biopharm and sanitary industries.

This ultra-compact sensing module is the result of Engineered Valves partnering with a recognized leader in valve communications and control. Combining Engineered Valves knowledge of valve design with cutting edge valve position feedback and network communications, the ISP delivers industry leading sensing technology for EnviZion and Pure-Flo hygienic diaphragm valves.

With an optional internal solenoid, commissioning the ISP couldn't be easier. A simple mounting configuration, auto calibration and continuous sensing make the ISP quick and reliable to install, calibrate and operate.

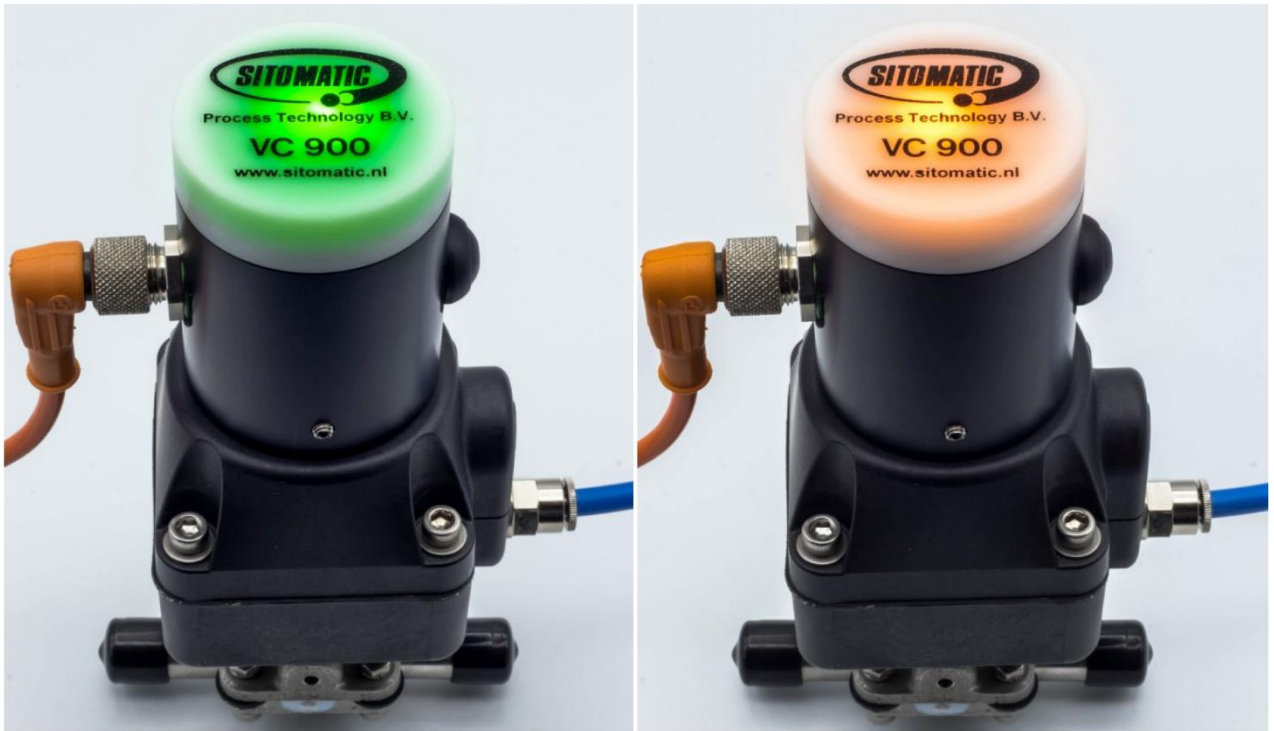
Constructed of highly durable, lightweight plastic with completely potted electronics, the ISP is well suited for typical industry washdowns.



ISP mounted on EnviZion valve

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Position Feedback Module: Type: DIVC 901 series



Equipped with:

- Position feedback open and close;
- Dome led position indication;
- Auto and manual calibration;
- Possibility to switch open and close led indications.

- Direct I/O feedback module
- Small size
- Easy mounting on a actuator

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VC-9000

Valve Controller



Model:VC 9000



PR9001 Positioner

The PR9001 of Sitomatic is designed to fit a wide range of actuators, and has been designed for easy mounting and replacement.

The universal unit can replace most currently in use valve controllers from any manufacturer, and with the replaceable electronic modules you can easily switch between rotating and linear movement.

It supports AS-interface and Direct I/O protocols.

This unit can replace any product in the SVPR1001, SVPR2001 and SVPR2301 series.

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Pure-Flo[®] Value Switch Package (VSP and VSP+)

The VSP and now the VSP+ switch package is engineered with cost effectiveness, simplicity and flexibility in mind. The VSP and VSP+ models maintain the same small dimensional envelope that is critical when space is at a premium.

The VSP+ switch options expand on the VSP package capabilities and options. The plus (+) options provide added benefits of self calibrating open/closed positions in combination with high visibility LED illumination.

The VSP and VSP+ switch packages are a perfect complement to all Pure-Flo Advantage[®] actuators.



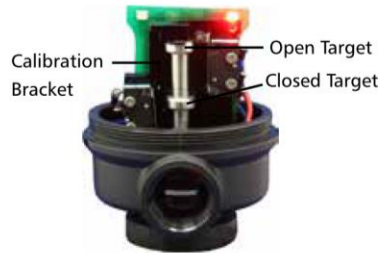
VSP



VSP+

VSP+ Self Calibration System

The VSP+ models feature a robust self calibration system that simplifies the switch setting process. The self calibration system features unique energized Open / Closed targets that adjust to the travel limits of the actuator. Calibration can be completed in seconds without any requirement for tools. Reducing the need for specially trained personnel. Countless maintenance hours can be saved and nuisance alarms eliminated.



VSP+ High Intensity LEDs

The VSP+ option features high intensity LEDs for outstanding 360 degree visual indication. An additional power LED assists in troubleshooting.