



Three Way Spring Return Valve

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The Insight Analytical 3-Way Auto Return Valve is a manual stream switching valve equipped with a spring that ensures that it will be in its home position unless the valve handle is manually rotated and held in the other position. This auto return feature is ideal for applications where serious issues may occur if the valve is accidentally left in the wrong position. A good example of this type of application is on the drain of coalescing filters where the best practice is to bypass the flow around the flow meter in normal operation in order to prevent liquid build up.

This valve is based on a Swagelok SS-42GXS4 3-way valve, with 1/4" Swagelok Tube connections, 0.125" (3.18 mm) orifice, 316 Stainless Steel wetted parts, modified PTFE packing, and retains the basic ratings for the base valve including CRN registration and 2500 psig (172 barg) pressure rating.

The handle is made from nylon and is available in several colors (black, red, yellow and blue) and is rated for a maximum temperature of 70°C (158°F). An optional aluminum handle is also available which allows the valve to be used over a temperature range of -40°C (-40°F) to 149°C (300°F).

