



AFS

Alternative Fuel
Systems

seitzvalve



Alternative Fuel Systems

For maintaining quality, safety and credibility of your alternative fueling systems, high-performance components are crucial. But these components alone will not help you achieve the consistency necessary for long-term success. To sustain your success, you need a partner that not only provides quality components, but also offers customized and comprehensive support that enables you to improve your fueling system and increase your impact on the alternative fuel industry.

For more than 60 years, a various range of Seitz solenoid valves has improved the operations of many critical high-pressure applications across several industries. Our track record extends to alternative fuel systems already from the pioneering days; with our CNG high pressure solenoid valve series we have served the industry in ten thousand of CNG refueling applications throughout the world for over 20 years.

Continuous Innovation

Since the number of planned hydrogen refueling stations (HRS) for the near term, as well as the number of HRS projected for the period up to mid-century is increasing, we continue to develop and refine products that help our customers achieve their goals also in the high-pressure hydrogen fueling.

You can improve the reliability, repeatability and fueling speed of your HRS applications using our HyValve series for an operating pressure up to 1000 bar. Thanks to their compact design, peerless technology and electromagnetic actuation the products will save you space, investment and operating costs vs. pneumatic actuated valves and systems.



HyValve 1000, Type 3106

HyValve 1000, Type 3105

HyValve 500, Type 3108

Premium Solenoid Valve Technology for your HRS Application

Seitz HyValves are specially designed to meet the specific requirements for high-pressure fueling with hydrogen. The direct- and internally pilot-operated valves can be used in dispensing units as well as in compressor and storage systems for HRS.

Our Technology

- ▀ Compact design
- ▀ Extended temperature range
- ▀ Electromagnetic actuation
- ▀ Optimal flow rate
- ▀ Operates in all mounting positions
- ▀ Sturdy construction
- ▀ Lower maintenance costs
- ▀ Exceptional reliability

Your Benefits

- ▀ Minimal footprint
- ▀ Maximum availability of the HRS
- ▀ Lower investment and operating costs
- ▀ Faster fueling
- ▀ Flexibility
- ▀ Longer lifespan
- ▀ Higher economic efficiency
- ▀ Maximum safety

Certifications

All our solenoid valves are subjected to comprehensive quality checks and compliant with the Pressure Equipment Directive (PED 2014/68/EU) and the Explosion Protection Directive (ATEX 2014/34/EU).





EXCELLENT
VALVES HAVE A
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