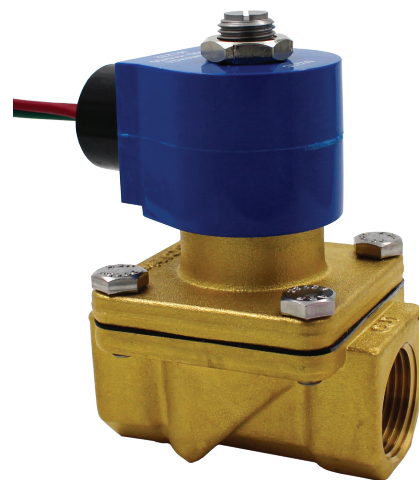


Solenoid Valves For Fire Suppression Systems

GC Valves has a wide selection of solenoid valves for use within the fire suppression market. Working alongside our parent company, DEMA Engineering Company, we also provide reliable chemical injectors that can be utilized to introduce foaming products, and other chemicals into water. Whether you're dealing with an application that requires pilot valves to actuate a larger deluge valve, custom valves for a firetruck foam system application, or DEMA chemical injectors to produce a custom chemical mixture, the team at GC Valves can help.

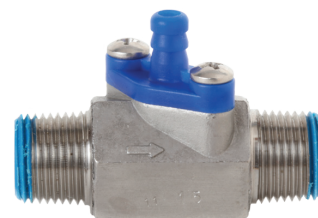
Valve Design Features

- Body materials include brass, stainless steel, and nylon
- Normally Closed, Normally Open, and 3-way valve options
- Multiple voltages and wattages available to meet application requirements
- Pipe sizes ranging from 1/8" to 2" NPT
- Pressure ratings up to 2400 PSI for water/air and 150 PSI for steam
- UL, CSA, and CE approved coil options
- Seal materials include Viton, Teflon, EPR, Rulon, Santoprene, and more
- Conduit, Explosion Proof, DIN, and Junction Box housing options
- Zero Pressure Differential valve operation options



Injector Features

- Wide range of flows, pressures, and dilution rates available
- Metering knob or metering tip options available
- Designed with minimal pressure loss across the injector



CUSTOM SOLUTIONS



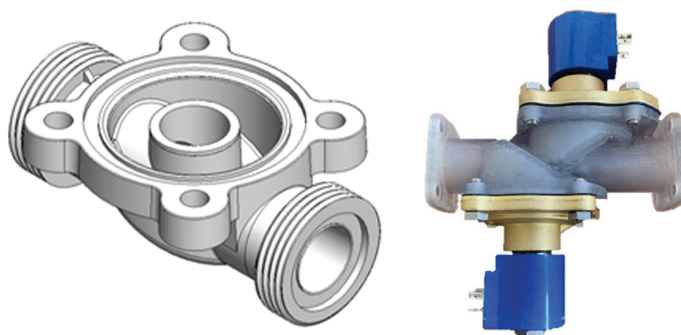
We produce over 1.5 million solenoid valves annually. GC Valves has a history of tailoring solutions for OEMs with demanding applications. Whether you need to design around temperature, pressure, chemical compatibility, flow, or reliability, GC Valves can provide a fluid control solution to meet your needs.

Our world-class engineering team and product portfolio allow for custom solutions in a wide variety of applications. The valves shown here are a small portion of our offering and just a hint of what we can provide with regards to custom valves. Our long history of collaborating with OEMs gives us the experience and comfort level needed to solve difficult design challenges. We pride ourselves on making cost-effective custom solutions, understanding the demands of manufacturers, and providing our products on time, tested, and of the highest quality.

ENGINEERING CAPABILITIES

3D Modeling and 3D Printing - Rapid Prototypes

- STEP files
- Solidworks part
- ACIS
- Pro/E and Creo part
- Parasolid files
- IGES files and more!
- Quick delivery time
- Multiple materials
- Fitment check
- Low-pressure fluid testing
- Tangible design



Sales Drawings

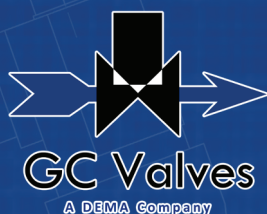
- Basic views
- Overall dimensions
- Specifications

Test Reports

- Professional reports
- Certified results
- Data-driven decisions

Testing Capabilities

- Burst testing
- Noise
- Flow
- Torque
- Water hammer
- Life cycle
- Heat Rise and
- Hi-Pot (High Potential)
- Maximum operating pressure differential
- Minimum opening pressure
- Chemical compatibility
- Internal and External leakage



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