

# S21 SERIES ANTI-WATER HAMMER

## Piloted Diaphragm Solenoid Valves

Water hammer is a pressure surge caused by the kinetic energy of a fluid in motion when it is forced to stop. For example, when a valve closes suddenly at the end of a pipeline system a water hammer wave propagates in the pipe and can damage the system. By closing the valve at a controlled rate it is possible to reduce the water hammer.



*Brass, nickel plated brass and stainless steel bodies in 1", 1-1/4", 1-1/2" and 2" NPT anti-water hammer designs.*



*3/8", 1/2" and 3/4" NPT anti-water hammer solenoid valves in brass & nickel-plated brass body materials with stainless steel trim.*

GC Valves manufactures slow closing valves from 3/8" to 2" NPT. These high performance brass and stainless steel bodies are designed to close in a controlled manner on water and similar liquids.

### Popular Options

- AC & DC voltages
- DIN Housing/Connectors
- Junction Box Housing
- Explosion Proof Housing
- CSA Certification & CE Declaration

### Materials

#### Brass

- 3/8" - S211GF02K4CG1
- 1/2" - S211GF02K4DG1
- 3/4" - 211GF02K4EG5
- 1" -S211GF02N4FG9
- 1-1/4" - S211GF02N4GJ5
- 1-1/2" - S211GF02N4HJ5
- 2" - S211GF02N4JJ5

Use suffix "P" for nickel plated body.

#### 316 Stainless Steel

- 1" - S211GF02N1FG9
- 1-1/4" - S211GF02N1GJ5
- 1-1/2" - S211GF02N1HJ5
- 2" - S211GF02N1JJ5

Part numbers above are Normally Closed (energize to open) 120vac operation with fully encapsulated conduit housing. Normally Open and many housings and voltages are available.